

Name: Wuxi Institute of Inspection, Testing and Certification(Wuxi Institute of Metrology and Testing/Wuxi Center of Fiber Inspection)

Address: No.101, Xinjin Road, Xinwu District, Wuxi, Jiangsu, China

Registration No. CNAS L0260

Accreditation Criteria: ISO/IEC 17025:2017 and relevant requirements of CNAS

Effective Date: 2024-12-10 Expiry Date: 2028-09-16

SCHEDULE 3 ACCREDITED TESTING SCOPE

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
(1)、Battery						
1	Battery system of civil multi-rotor unmanned aircraft system	1	Overcharge	《Test methods for civil multi-rotor unmanned aircraft system》 GB/T 38058-2019 6.5.5		2024-06-21
		2	Over-release	《Test methods for civil multi-rotor unmanned aircraft system》 GB/T 38058-2019 6.5.6		2024-06-21
		3	short-circuit	《Test methods for civil multi-rotor unmanned aircraft system》 GB/T 38058-2019 6.5.7		2024-06-21
		4	low pressure	《Test methods for civil multi-rotor unmanned aircraft system》 GB/T 38058-2019 6.5.8		2024-06-21
		5	drop	《Test methods for civil multi-rotor unmanned aircraft system》 GB/T 38058-2019 6.5.9		2024-06-21
		6	squeeze	《Test methods for civil multi-rotor unmanned aircraft system》 GB/T 38058-2019 6.5.11		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
2	Lithium ion battery	7	Excessive heat	《Test methods for civil multi-rotor unmanned aircraft system》 GB/T 38058-2019 6.5.12		2024-06-21
		8	soak	《Test methods for civil multi-rotor unmanned aircraft system》 GB/T 38058-2019 6.5.13		2024-06-21
		1	lash	《General specification for Li-ion batteries》 GJB 4477-2002 4.7.8		2024-06-21
		2	vibrate	《General specification for Li-ion batteries》 GJB 4477-2002 4.7.9		2024-06-21
		3	drop	《General specification for Li-ion batteries》 GJB 4477-2002 4.7.10		2024-06-21
		4	immersion	《General specification for Li-ion batteries》 GJB 4477-2002 4.7.12		2024-06-21
		5	short-circuit	《General specification for Li-ion batteries》 GJB 4477-2002 4.7.14.1		2024-06-21
		6	Overcharge	《General specification for Li-ion batteries》 GJB 4477-2002 4.7.14.2		2024-06-21
		7	squeeze	《General specification for Li-ion batteries》 GJB 4477-2002 4.7.14.3		2024-06-21
		8	acupuncture	《General specification for Li-ion batteries》 GJB 4477-2002 4.7.14.4		2024-06-21
		9	short-circuit	《General specification for Li-ion batteries》 GJB 4477-2002 4.7.15.1		2024-06-21
		10	Overcharge	《General specification for Li-ion batteries》 GJB 4477-2002 4.7.15.2		2024-06-21
		11	Over-release	《General specification for Li-ion batteries》 GJB 4477-2002 4.7.15.3		2024-06-21
		12	Vibration resistance	《Ceneral specification of lithium ion batteries for motorcycle starting》 QC/T 1094-2018 6.3.7		2024-06-21



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		№	Item/ Parameter			
		13	Overdischarge recovery characteristics	《General specification of lithium ion batteries for motorcycle starting》 QC/T 1094-2018 6.3.12		2024-06-21
		14	Overcharge	《General specification of lithium ion batteries for motorcycle starting》 QC/T 1094-2018 6.3.13.1		2024-06-21
		15	short-circuit	《General specification of lithium ion batteries for motorcycle starting》 QC/T 1094-2018 6.3.13.2		2024-06-21
		16	drop test	《General specification of lithium ion batteries for motorcycle starting》 QC/T 1094-2018 6.3.13.3		2024-06-21
		17	heat test	《General specification of lithium ion batteries for motorcycle starting》 QC/T 1094-2018 6.3.13.4		2024-06-21
		18	extrusion test	《General specification of lithium ion batteries for motorcycle starting》 QC/T 1094-2018 6.3.13.5		2024-06-21
		19	acupuncture test	《General specification of lithium ion batteries for motorcycle starting》 QC/T 1094-2018 6.3.13.6		2024-06-21
		20	Sealing property during lifting	《General specification of lithium ion batteries for motorcycle starting》 QC/T 1094-2018 6.3.14		2024-06-21
3	fuel cell	1	Part of parameters	《Micro fuel cell power systems—Part1:Safety》 GB/T 23751.1-2009	Accredited only for High temoerature exposure test and Surface,element and exhaust gas temperature test	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	High temoerature exposure test	《Micro fuel cell power systems—Part1:Safety》 GB/T 23751.1-2009 7.3.4		2024-06-21
		3	Surface,element and exhaust gas temperature test	《Micro fuel cell power systems—Part1:Safety》 GB/T 23751.1-2009 7.3.8		2024-06-21
4	fuel cell	1	Part of parameters	《Micro fuel cell power systems—Part2:Performance test methods》 GB/T 23751.2-2017	except for fall and fuel consumption	2024-06-21
		2	Start time	《Micro fuel cell power systems—Part2:Performance test methods》 GB/T 23751.2-2017 5.2.1		2024-06-21
		3	Rated power test and rated voltage test	《Micro fuel cell power systems—Part2:Performance test methods》 GB/T 23751.2-2017 5.2.2		2024-06-21
		4	Power generation test after shutdown	《Micro fuel cell power systems—Part2:Performance test methods》 GB/T 23751.2-2017 5.2.3		2024-06-21
		5	Power generation test under low and high temperature conditions	《Micro fuel cell power systems—Part2:Performance test methods》 GB/T 23751.2-2017 5.2.4		2024-06-21
		6	Power generation test under low and high humidity conditions	《Micro fuel cell power systems—Part2:Performance test methods》 GB/T 23751.2-2017 5.2.5		2024-06-21
		7	Altitude test	《Micro fuel cell power systems—Part2:Performance test methods》 GB/T 23751.2-2017 5.2.6		2024-06-21
		8	Vibretrion test	《Micro fuel cell power systems—Part2:Performance test methods》 GB/T 23751.2-2017 5.4.2		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
5	portable digital	1	Overcharge protection	《Information technology—General specification for portable digital equipments used power bank》 GB/T 35590-2017 5.6.1		2024-06-21
		2	Over discharge protection	《Information technology—General specification for portable digital equipments used power bank》 GB/T 35590-2017 5.6.2		2024-06-21
		3	Short circuit protection	《Information technology—General specification for portable digital equipments used power bank》 GB/T 35590-2017 5.6.3		2024-06-21
		4	overload protection	《Information technology—General specification for portable digital equipments used power bank》 GB/T 35590-2017 5.6.4		2024-06-21
		5	Vibration	《Information technology—General specification for portable digital equipments used power bank》 GB/T 35590-2017 5.9.3		2024-06-21
				《Environmental testing—Part2:Testing method—Test Fc:Vibration(sinusoidal)》 GB/T 2423.10-2019 8		2024-06-21
		6	collision	《Information technology—General specification for portable digital equipments used power bank》 GB/T 35590-2017 5.9.4		2024-06-21
				《Environmental testing for electric and electronic products Part2:Test methods Test Eb and guidance:BUmp》 GB/T 2423.6-1995 8	revoked and retained, which can only be used when referenced	2024-06-21
		7	Free fall	《Information technology—General specification for portable digital equipments used power bank》 GB/T 35590-2017 5.9.5		2024-06-21
6	Valve-regulated lead-acid battery	1	short circuit	《Valve-regulated lead-acid batteries for moped》 T/ZJXDC 001-2021 7.14.4		2024-06-21
7	Lithium Ion Batteries Of	1	overdischarge/cell	《Technical Specification For Lithium Ion Batteries Of Electrochemical Energy Storage Station》 NB/T 42091-2016		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
	Electrochemical Energy Storage Station			C.2.10.1		
		2	overcharge/cell	《Technical Specification For Lithium Ion Batteries Of Electrochemical Energy Storage Station》 NB/T 42091-2016 C.2.10.2		2024-06-21
		3	short circuit/cell	《Technical Specification For Lithium Ion Batteries Of Electrochemical Energy Storage Station》 NB/T 42091-2016 C.2.10.3		2024-06-21
		4	drop/cell	《Technical Specification For Lithium Ion Batteries Of Electrochemical Energy Storage Station》 NB/T 42091-2016 C.2.10.4		2024-06-21
		5	crush/cell	《Technical Specification For Lithium Ion Batteries Of Electrochemical Energy Storage Station》 NB/T 42091-2016 C.2.10.5		2024-06-21
		6	overdischarge/module	《Technical Specification For Lithium Ion Batteries Of Electrochemical Energy Storage Station》 NB/T 42091-2016 C.3.8.1		2024-06-21
		7	overcharge/module	《Technical Specification For Lithium Ion Batteries Of Electrochemical Energy Storage Station》 NB/T 42091-2016 C.3.8.2		2024-06-21
		8	short circuit/module	《Technical Specification For Lithium Ion Batteries Of Electrochemical Energy Storage Station》 NB/T 42091-2016 C.3.8.3		2024-06-21
8	Lithium-ion Batteries For Electric Vehicles	1	overdischarge/cell	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.3		2024-06-21
				《Lithium-ion Batteries For Electric Vehicles》 QC/T 743-2006 6.2.12.1	revoked and retained,wh	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	overcharge/cell	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.3	ich can only be used when referenced	2024-06-21
				《Lithium-ion Batteries For Electric Vehicles》 QC/T 743-2006 6.2.12.2	revoked and retained,wh ich can only be used when referenced	2024-06-21
		3	short circuit/cell	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.3		2024-06-21
				《Lithium-ion Batteries For Electric Vehicles》 QC/T 743-2006 6.2.12.3	revoked and retained,wh ich can only be used when referenced	2024-06-21
		4	drop/cell	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.3		2024-06-21
				《Lithium-ion Batteries For Electric Vehicles》 QC/T 743-2006 6.2.12.4	revoked and retained,wh ich can only be used when	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					referenced	
		5	heat/cell	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.3 《Lithium-ion Batteries For Electric Vehicles》 QC/T 743-2006 6.2.12.5	revoked and retained, which can only be used when referenced	2024-06-21
		6	crush/cell	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.3 《Lithium-ion Batteries For Electric Vehicles》 QC/T 743-2006 6.2.12.6	revoked and retained, which can only be used when referenced	2024-06-21
		7	Pathergytest/cell	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.3 《Lithium-ion Batteries For Electric Vehicles》 QC/T 743-2006 6.2.12.7	revoked and retained, which can only be used when referenced	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		8	vibration/module	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.4		2024-06-21
				《Lithium-ion Batteries For Electric Vehicles》 QC/T 743-2006 6.3.7	revoked and retained, which can only be used when referenced	2024-06-21
		9	overdischarge/module	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.4		2024-06-21
				《Lithium-ion Batteries For Electric Vehicles》 QC/T 743-2006 6.3.8.1	revoked and retained, which can only be used when referenced	2024-06-21
		10	overcharge/module	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.4		2024-06-21
				《Lithium-ion Batteries For Electric Vehicles》 QC/T 743-2006 6.3.8.2	revoked and retained, which can only be used when referenced	2024-06-21
		11	short circuit/module	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.4		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				《Lithium-ion Batteries For Electric Vehicles》 QC/T 743-2006 6.3.8.3	revoked and retained, which can only be used when referenced	2024-06-21
		12	heat/module	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.4		2024-06-21
				《Lithium-ion Batteries For Electric Vehicles》 QC/T 743-2006 6.3.8.4	revoked and retained, which can only be used when referenced	2024-06-21
		13	crush/module	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.4		2024-06-21
				《Lithium-ion Batteries For Electric Vehicles》 QC/T 743-2006 6.3.8.5	revoked and retained, which can only be used when referenced	2024-06-21
		14	Pathergytest/module	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.4		2024-06-21
				《Lithium-ion Batteries For Electric Vehicles》 QC/T 743-2006 6.3.8.6	revoked and retained, wh	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					ich can only be used when referenced	
		15	overcharge protection/system	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.5.3		2024-06-21
		16	overdischarge protection/system	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.5.4		2024-06-21
		17	short-circuit protection/system	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.5.5		2024-06-21
		18	overload protection/system	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.5.6		2024-06-21
		19	High temperature operation test/system	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.5.7		2024-06-21
		20	Low temperature operation test/system	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.5.8		2024-06-21
		21	temperature control system failure test/system	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.5.9		2024-06-21
		22	insulation resistance/system	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.5.12		2024-06-21
				《Electrically Propelled Road Vehicles-Safety Specifications-Part 1:On board Rechargeable Energy Storage System(REESS)》 GB/T 18384.1-2015 5.1.3	revoked and retained, which can only be used when	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					referenced	
		23	power frequency withstand voltage/system	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.5.13		2024-06-21
		24	shock/system	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.5.15		2024-06-21
		25	vibration/system	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.5.16		2024-06-21
		26	immersion/system	《Test Specification For Lithium-ion Traction Battery Of Electric Vehicles》 NB/T 33024-2016 6.5.17		2024-06-21
9	Batteries for Use in Stationary,Vehicle Auxiliary Power and Light Electric Rail(LER) Applications	1	Part of parameters	《Standard For Safety: Batteries for Use in Stationary,Vehicle Auxiliary Power and Light Electric Rail(LER) Applications》 UL 1973-2018	thermal cycling test(LER motive application)、resistance to moisture test、salt fog test carry out at xinhua road ;except for continuity test, failure of cooling/the rmal stability	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					system, Working Voltage Measurements, Locked-rotor test for low voltage dc fans/motors in secondary circuits, Input, Leakage current, Strain relief test, Push-back relief test, Impact Test, Wall Mount Fixture/Handle Test, Pressure Release Test, Start-To-Discharge Test, Single	

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		№	Item/ Parameter			
					Cell Failure Design Tolerance	
		2	overcharge test	《Standard For Safety: Batteries for Use in Stationary,Vehicle Auxiliary Power and Light Electric Rail(LER) Applications》 UL 1973-2018 15		2024-06-21
		3	short circuit test	《Standard For Safety: Batteries for Use in Stationary,Vehicle Auxiliary Power and Light Electric Rail(LER) Applications》 UL 1973-2018 16		2024-06-21
		4	overdischarge protection test	《Standard For Safety: Batteries for Use in Stationary,Vehicle Auxiliary Power and Light Electric Rail(LER) Applications》 UL 1973-2018 17		2024-06-21
		5	temperature and operating limits check test	《Standard For Safety: Batteries for Use in Stationary,Vehicle Auxiliary Power and Light Electric Rail(LER) Applications》 UL 1973-2018 18		2024-06-21
		6	imbalanced charging test	《Standard For Safety: Batteries for Use in Stationary,Vehicle Auxiliary Power and Light Electric Rail(LER) Applications》 UL 1973-2018 19		2024-06-21
		7	dielectric voltage withstand test	《Standard For Safety: Batteries for Use in Stationary,Vehicle Auxiliary Power and Light Electric Rail(LER) Applications》 UL 1973-2018 20		2024-06-21
				《Information Technology Equipment-Safety-Part 1:General Requirements》 UL 60950-1-2007 5.2		2024-06-21
		8	vibration test(LER motive application)	《Standard For Safety: Batteries for Use in Stationary,Vehicle Auxiliary Power and Light Electric Rail(LER) Applications》 UL 1973-2018 25		2024-06-21
				《Railway applications-Rolling stock equipment-shock and vibration tests》 IEC 61373-2010 8		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		9	shock test(LER motive application)	《Standard For Safety: Batteries for Use in Stationary,Vehicle Auxiliary Power and Light Electric Rail(LER) Applications》 UL 1973-2018 26		2024-06-21
				《Railway applications-Rolling stock equipment-shock and vibration tests》 IEC 61373-2010 10		2024-06-21
		10	crush test(LER motive application)	《Standard For Safety: Batteries for Use in Stationary,Vehicle Auxiliary Power and Light Electric Rail(LER) Applications》 UL 1973-2018 27		2024-06-21
				《Standard For Safety: Batteries for Use in Stationary,Vehicle Auxiliary Power and Light Electric Rail(LER) Applications》 UL 1973-2018 30		2024-06-21
		12	mold stress test	《Standard For Safety: Batteries for Use in Stationary,Vehicle Auxiliary Power and Light Electric Rail(LER) Applications》 UL 1973-2018 32		2024-06-21
				《Standard For Safety: Batteries for Use in Stationary,Vehicle Auxiliary Power and Light Electric Rail(LER) Applications》 UL 1973-2018 38		2024-06-21
10	Batteries for Use In Electric Vehicles	1	Part of parameters	《Standard For Safety: Batteries for Use In Electric Vehicles》 UL 2580-2016	thermal cycling 、 salt spray test carry out at xinhua road;except for continuity test, rotation test,failure	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					of cooling/the rmal stability system test	
		2	overcharge test	《Standard For Safety: Batteries for Use In Electric Vehicles》 UL 2580-2016 25		2024-06-21
		3	short circuit test	《Standard For Safety: Batteries for Use In Electric Vehicles》 UL 2580-2016 26		2024-06-21
		4	overdischarge protection test	《Standard For Safety: Batteries for Use In Electric Vehicles》 UL 2580-2016 27		2024-06-21
		5	temperature test	《Standard For Safety: Batteries for Use In Electric Vehicles》 UL 2580-2016 28		2024-06-21
		6	imbalanced charging test	《Standard For Safety: Batteries for Use In Electric Vehicles》 UL 2580-2016 29		2024-06-21
		7	dielectric voltage withstand test	《Standard For Safety: Batteries for Use In Electric Vehicles》 UL 2580-2016 30		2024-06-21
		8	Isolation resistance test	《Standard For Safety: Batteries for Use In Electric Vehicles》 UL 2580-2016 31		2024-06-21
				《Electrically Propelled Road Vehicles — Safety Specifications — Part 1: Rechargeable Energy Storage System (RESS)》 ISO 6469-1-2009 6		2024-06-21
		9	vibration endurance test	《Standard For Safety: Batteries for Use In Electric Vehicles》 UL 2580-2016 35		2024-06-21
				《Vibration Testing of Electric Vehicle Batteries》 SAE J2380-2018 4		2024-06-21
		10	shock test	《Standard For Safety: Batteries for Use In Electric Vehicles》 UL 2580-2016 36		2024-06-21



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				《Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock》 IEC 60068-2-27-2008 8		2024-06-21
		11	drop test	《Standard For Safety: Batteries for Use In Electric Vehicles》 UL 2580-2016 37		2024-06-21
		12	crush test	《Standard For Safety: Batteries for Use In Electric Vehicles》 UL 2580-2016 38		2024-06-21
		13	immersion test	《Standard For Safety: Batteries for Use In Electric Vehicles》 UL 2580-2016 41		2024-06-21
		14	external fire exposure test	《Standard For Safety: Batteries for Use In Electric Vehicles》 UL 2580-2016 42		2024-06-21
		15	internal fire exposure test	《Standard For Safety: Batteries for Use In Electric Vehicles》 UL 2580-2016 43		2024-06-21
11	rechargeable energy storage system	1	Part of parameters	《Uniform provisions concerning the approval of vehicles with regard to specific requirements for the electric power train》 ECE R100-2013	Accredited only for rechargeable energy storage system	2024-06-21
		2	vibration test	《Uniform provisions concerning the approval of vehicles with regard to specific requirements for the electric power train》 ECE R100-2013 Annex 8A		2024-06-21
		3	thermal shock and cycling test	《Uniform provisions concerning the approval of vehicles with regard to specific requirements for the electric power train》 ECE R100-2013 Annex 8B		2024-06-21
		4	mechanical shock	《Uniform provisions concerning the approval of vehicles with regard to specific requirements for the electric power train》 ECE R100-2013 Annex 8C		2024-06-21
		5	mechanical integrity	《Uniform provisions concerning the approval of vehicles with		2024-06-21



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				regard to specific requirements for the electric power train》 ECE R100-2013 Annex 8D		
		6	fire resistance	《Uniform provisions concerning the approval of vehicles with regard to specific requirements for the electric power train》 ECE R100-2013 Annex 8E		2024-06-21
		7	external short circuit protection	《Uniform provisions concerning the approval of vehicles with regard to specific requirements for the electric power train》 ECE R100-2013 Annex 8F		2024-06-21
		8	overcharge protection	《Uniform provisions concerning the approval of vehicles with regard to specific requirements for the electric power train》 ECE R100-2013 Annex 8G		2024-06-21
		9	over-discharge protection	《Uniform provisions concerning the approval of vehicles with regard to specific requirements for the electric power train》 ECE R100-2013 Annex 8H		2024-06-21
		10	over-temperature protection	《Uniform provisions concerning the approval of vehicles with regard to specific requirements for the electric power train》 ECE R100-2013 Annex 8I		2024-06-21
12	secondary lithium cells and batteries for use in electrical energy storage systems	1	Part of parameters	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries for use in electrical energy storage systems》 IEC 63056-2020	except for resistance to abnormal heat	2024-06-21
		2	electric insulation check during transport and installation	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries for use in electrical energy storage systems》 IEC 63056-2020 7.4		2024-06-21
				《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary lithium cells, and for batteries made from them, for use		2024-06-21



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		№	Item/ Parameter			
				in portable applications - Part 2: Lithium systems》 IEC 62133-2-2017 5.2		
		3	protection against short circuit during transport and installation	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries for use in electrical energy storage systems》 IEC 63056-2020 7.6		2024-06-21
		4	protection for reverse connection	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries for use in electrical energy storage systems》 IEC 63056-2020 7.7		2024-06-21
		5	overdischarge control of voltage(battery system)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries for use in electrical energy storage systems》 IEC 63056-2020 7.8		2024-06-21
		6	drop test	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries for use in electrical energy storage systems》 IEC 63056-2020 7.9		2024-06-21
13	Electric Vehicles Traction Battery	1	Part of parameters	《Electric Vehicles Traction Battery Safety Requirements》 GB 38031-2020	except for simulating impact;temperature cycle、temperature shock、 salt fog carry out at xinhua road	2024-06-21



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		№	Item/ Parameter			
		2	overdischarge/cell	《Electric Vehicles Traction Battery Safety Requirements》 GB 38031-2020 8.1.2		2024-06-21
		3	overcharge/cell	《Electric Vehicles Traction Battery Safety Requirements》 GB 38031-2020 8.1.3		2024-06-21
		4	short circuit/cell	《Electric Vehicles Traction Battery Safety Requirements》 GB 38031-2020 8.1.4		2024-06-21
		5	heat/cell	《Electric Vehicles Traction Battery Safety Requirements》 GB 38031-2020 8.1.5		2024-06-21
		6	crush/cell	《Electric Vehicles Traction Battery Safety Requirements》 GB 38031-2020 8.1.7		2024-06-21
		7	vibration/cell	《Electric Vehicles Traction Battery Safety Requirements》 GB 38031-2020 8.2.1		2024-06-21
				《Environmental testing-Part 2:Test methods-Test Fh:Vibration,broadband random and guidance》 GB/T 2423.56-2018 8.4	revoked and retained, which can only be used when referenced.	2024-06-21
		8	shock/pack(system)	《Electric Vehicles Traction Battery Safety Requirements》 GB 38031-2020 8.2.2		2024-06-21
		9	crush/pack(system)	《Electric Vehicles Traction Battery Safety Requirements》 GB 38031-2020 8.2.4		2024-06-21
		10	immersion/pack(system)	《Electric Vehicles Traction Battery Safety Requirements》 GB 38031-2020 8.2.6		2024-06-21
		11	external fire exposure test/pack(system)	《Electric Vehicles Traction Battery Safety Requirements》 GB 38031-2020 8.2.7.1		2024-06-21



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		12	thermal diffusion/pack(system)	《Electric Vehicles Traction Battery Safety Requirements》 GB 38031-2020 8.2.7.2		2024-06-21
		13	high altitude/pack(system)	《Electric Vehicles Traction Battery Safety Requirements》 GB 38031-2020 8.2.10		2024-06-21
		14	over-temperature protection/pack(system)	《Electric Vehicles Traction Battery Safety Requirements》 GB 38031-2020 8.2.11		2024-06-21
		15	overcurrent protection/pack(system)	《Electric Vehicles Traction Battery Safety Requirements》 GB 38031-2020 8.2.12		2024-06-21
		16	external short circuit protection/pack(system)	《Electric Vehicles Traction Battery Safety Requirements》 GB 38031-2020 8.2.13		2024-06-21
		17	overcharge protection/pack(system)	《Electric Vehicles Traction Battery Safety Requirements》 GB 38031-2020 8.2.14		2024-06-21
		18	overdischarge protection/pack(system)	《Electric Vehicles Traction Battery Safety Requirements》 GB 38031-2020 8.2.15		2024-06-21
14	Household and Commercial Batteries	1	Part of parameters	《Standard for safety Household and Commercial Batteries》 UL 2054-2022	except for limited power source test;temperature cycle carry out at xinhua road	2024-06-21



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		№	Item/ Parameter			
		2	Short-circuit test	《Standard for safety Household and Commercial Batteries》 UL 2054-2022 11		2024-06-21
		3	Crush test	《Standard for safety Household and Commercial Batteries》 UL 2054-2022 18		2024-06-21
		4	Impact test	《Standard for safety Household and Commercial Batteries》 UL 2054-2022 19		2024-06-21
		5	Shock test	《Standard for safety Household and Commercial Batteries》 UL 2054-2022 20		2024-06-21
		6	250N steady force test	《Standard for safety Household and Commercial Batteries》 UL 2054-2022 23		2024-06-21
		7	Drop impact test	《Standard for safety Household and Commercial Batteries》 UL 2054-2022 25		2024-06-21
		8	Projectile test	《Standard for safety Household and Commercial Batteries》 UL 2054-2022 26		2024-06-21
		9	Heating test	《Standard for safety Household and Commercial Batteries》 UL 2054-2022 27		2024-06-21
		10	Abnormal charging test	《Standard for safety Household and Commercial Batteries》 UL 2054-2022 12		2024-06-21
		11	Abusive overcharge test	《Standard for safety Household and Commercial Batteries》 UL 2054-2022 13		2024-06-21
		12	Forced discharge test	《Standard for safety Household and Commercial Batteries》 UL 2054-2022 14		2024-06-21
		13	Battery pack component temperature	《Standard for safety Household and Commercial Batteries》 UL 2054-2022 16		2024-06-21
		14	Battery packsurface temperature	《Standard for safety Household and Commercial Batteries》 UL 2054-2022 17		2024-06-21
		15	vibration	《Standard for safety Household and Commercial Batteries》		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				UL 2054-2022 21		
		16	Mold stress relife test	《Standard for safety Household and Commercial Batteries》 UL 2054-2022 24		2024-06-21
		17	Label permanence test	《Standard for safety Household and Commercial Batteries》 UL 2054-2022 29		2024-06-21
15	Miner's lamp used Lithium ion batteries	1	Free fall	《Miner's lamp used Lithium ion batteries》 MT/T 1051-2007 5.5.4		2024-06-21
		2	Shock	《Miner's lamp used Lithium ion batteries》 MT/T 1051-2007 5.5.5		2024-06-21
		3	Crush	《Miner's lamp used Lithium ion batteries》 MT/T 1051-2007 5.6.2		2024-06-21
		4	Thermal shock	《Miner's lamp used Lithium ion batteries》 MT/T 1051-2007 5.6.3		2024-06-21
		5	short circuit	《Miner's lamp used Lithium ion batteries》 MT/T 1051-2007 5.6.6		2024-06-21
		6	Nail	《Miner's lamp used Lithium ion batteries》 MT/T 1051-2007 5.6.7		2024-06-21
		7	Impact	《Miner's lamp used Lithium ion batteries》 MT/T 1051-2007 5.6.8		2024-06-21
16	Electric motorcar used nicke metal hydride batteries	1	Short circuit	《Electric motorcar used nicke metal hydride batteries》 QC/T 744-2006 6.2.10.1,6.3.8.3		2024-06-21
		2	Overcharge	《Electric motorcar used nicke metal hydride batteries》 QC/T 744-2006 6.2.10.4		2024-06-21
		3	Heat	《Electric motorcar used nicke metal hydride batteries》 QC/T 744-2006 6.2.10.5,6.3.8.4		2024-06-21
		4	Nail	《Electric motorcar used nicke metal hydride batteries》 QC/T 744-2006 6.2.10.6,6.3.8.6		2024-06-21



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		5	Crush	《Electric motorcar used nicke metal hydride batteries》 QC/T 744-2006 6.2.10.7,6.3.8.5		2024-06-21
17	Lithium-ion batteries for electric vehicles	1	Short circuit	《Lithium-ion batteries for electric vehicles》 QC/T 743-2006 6.2.12.3,6.3.8.3	revoked and retained, which can only be used when referenced	2024-06-21
		2	Free fall	《Lithium-ion batteries for electric vehicles》 QC/T 743-2006 6.2.12.4	revoked and retained, which can only be used when referenced	2024-06-21
		3	Heat	《Lithium-ion batteries for electric vehicles》 QC/T 743-2006 6.2.12.5,6.3.8.4	revoked and retained, which can only be used when referenced	2024-06-21
		4	Crush	《Lithium-ion batteries for electric vehicles》 QC/T 743-2006 6.2.12.6,6.3.8.5	revoked and retained, which can only be used when referenced	2024-06-21



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		5	Nail	《Lithium-ion batteries for electric vehicles》 QC/T 743-2006 6.2.12.7,6.3.8.6	revoked and retained, which can only be used when referenced	2024-06-21
18	Lithium Batteries	1	All parameters	《STANDARD FOR SAFETY Lithium Batteries》 UL 1642-2020	temperature cycle carry out at xinhua road	2024-06-21
		2	Short-circuit test	《STANDARD FOR SAFETY Lithium Batteries》 UL 1642-2020 10		2024-06-21
		3	Crush test	《STANDARD FOR SAFETY Lithium Batteries》 UL 1642-2020 13		2024-06-21
		4	Impact test	《STANDARD FOR SAFETY Lithium Batteries》 UL 1642-2020 14		2024-06-21
		5	Shock test	《STANDARD FOR SAFETY Lithium Batteries》 UL 1642-2020 15		2024-06-21
		6	Heating test	《STANDARD FOR SAFETY Lithium Batteries》 UL 1642-2020 17		2024-06-21
		7	Low pressure test	《STANDARD FOR SAFETY Lithium Batteries》 UL 1642-2020 19		2024-06-21
		8	Projectile test	《STANDARD FOR SAFETY Lithium Batteries》 UL 1642-2020 20		2024-06-21
		9	Abnormal charging test	《STANDARD FOR SAFETY Lithium Batteries》 UL 1642-2020 11		2024-06-21
		10	Forced discharging test	《STANDARD FOR SAFETY Lithium Batteries》 UL 1642-2020 12		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
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		11	Vibration	《STANDARD FOR SAFETY Lithium Batteries》 UL 1642-2020 16		2024-06-21
19	Lithium ion accumulator cell	1	External short circuit test	《The lithium ion accumulator cell is always standard》 QB/T 2502-2000 5.13.3		2024-06-21
		2	Nail test	《The lithium ion accumulator cell is always standard》 QB/T 2502-2000 5.13.4		2024-06-21
		3	Crush test	《The lithium ion accumulator cell is always standard》 QB/T 2502-2000 5.13.5		2024-06-21
		4	Impact test	《The lithium ion accumulator cell is always standard》 QB/T 2502-2000 5.13.6		2024-06-21
		5	Soaking test	《The lithium ion accumulator cell is always standard》 QB/T 2502-2000 5.13.7		2024-06-21
		6	Free fall test	《The lithium ion accumulator cell is always standard》 QB/T 2502-2000 5.13.8		2024-06-21
		7	High temperature rest test	《The lithium ion accumulator cell is always standard》 QB/T 2502-2000 5.13.9		2024-06-21
20	Lithium-ion cells and batteries for mobile phone	1	Free fall	《Genral specification of lithium-ion cells and batteries for mobile phone》 GB/T 18287-2013 5.3.3.4		2024-06-21
		2	Low pressure	《Genral specification of lithium-ion cells and batteries for mobile phone》 GB/T 18287-2013 5.3.3.5		2024-06-21
		3	Protection of short circuit	《Genral specification of lithium-ion cells and batteries for mobile phone》 GB/T 18287-2013 5.3.4.4		2024-06-21
		4	Impact	《Genral specification of lithium-ion cells and batteries for mobile phone》 GB/T 18287-2013 5.3.5.2		2024-06-21
		5	Thermal abuse	《Genral specification of lithium-ion cells and batteries for mobile phone》 GB/T 18287-2013 5.3.5.3		2024-06-21
		6	Short circuit	《Genral specification of lithium-ion cells and batteries for mobile phone》 GB/T 18287-2013 5.3.5.6		2024-06-21

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		7	Shock	《Genral specification of lithium-ion cells and batteries for mobile phone》 GB/T 18287-2013 5.3.5.7		2024-06-21
21	Secondary cells and batteries containing alkaline or other non-acid electrolytes	1	External short circuit	《Secondary cells and batteries containing alkaline or other non-acid electrolytes— Safety requirements for portable sealed secondary cells,and for batteries made from them,for use in portable applications》 EN 62133-2013 7.3.2	revoked and retained,wh ich can only be used when referenced	2024-06-21
		2	Free fall	《Secondary cells and batteries containing alkaline or other non-acid electrolytes— Safety requirements for portable sealed secondary cells,and for batteries made from them,for use in portable applications》 EN 62133-2013 7.3.3	revoked and retained,wh ich can only be used when referenced	2024-06-21
		3	Mechanical shock (crash hazard)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes— Safety requirements for portable sealed secondary cells,and for batteries made from them,for use in portable applications》 EN 62133-2013 7.3.4	revoked and retained,wh ich can only be used when referenced	2024-06-21
		4	Thermal abuse (cells)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes— Safety requirements for portable sealed secondary cells,and for batteries made from them,for use in portable applications》 EN 62133-2013 7.3.5	revoked and retained,wh ich can only be used when referenced	2024-06-21



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		5	Crushing of cells	《Secondary cells and batteries containing alkaline or other non-acid electrolytes— Safety requirements for portable sealed secondary cells,and for batteries made from them,for use in portable applications》 EN 62133-2013 7.3.6	revoked and retained,wh ich can only be used when referenced	2024-06-21
		6	Low pressure (cells)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes— Safety requirements for portable sealed secondary cells,and for batteries made from them,for use in portable applications》 EN 62133-2013 7.3.7	revoked and retained,wh ich can only be used when referenced	2024-06-21
		7	External short circuit (cell)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes— Safety requirements for portable sealed secondary cells,and for batteries made from them,for use in portable applications》 EN 62133-2013 8.3.1	revoked and retained,wh ich can only be used when referenced	2024-06-21
		8	External short circuit (battery)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes— Safety requirements for portable sealed secondary cells,and for batteries made from them,for use in portable applications》 EN 62133-2013 8.3.2	revoked and retained,wh ich can only be used when referenced	2024-06-21
		9	Free fall	《Secondary cells and batteries containing alkaline or other non-acid electrolytes— Safety requirements for portable sealed	revoked and retained,wh	2024-06-21



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		№	Item/ Parameter			
				secondary cells,and for batteries made from them,for use in portable applications》 EN 62133-2013 8.3.3	ich can only be used when referenced	
		10	Thermal abuse (cells)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes— Safety requirements for portable sealed secondary cells,and for batteries made from them,for use in portable applications》 EN 62133-2013 8.3.4	revoked and retained,wh ich can only be used when referenced	2024-06-21
		11	Crush (cells)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes— Safety requirements for portable sealed secondary cells,and for batteries made from them,for use in portable applications》 EN 62133-2013 8.3.5	revoked and retained,wh ich can only be used when referenced	2024-06-21
		12	Design evaluation – Forced internal short circuit (cells)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes— Safety requirements for portable sealed secondary cells,and for batteries made from them,for use in portable applications》 EN 62133-2013 8.3.7	revoked and retained,wh ich can only be used when referenced	2024-06-21
	Secondary cells and batteries containing alkaline or other non-acid	1	Free fall	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them , for use in portable applications – Part 1: Nickel systems》 IEC 62133-1-2017 7.3.3		2024-06-21

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		№	Item/ Parameter			
	electrolytes – Safety requirements for portable sealed secondary cells, and for batteries	2	Thermal abuse	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them , for use in portable applications – Part 1: Nickel systems》 IEC 62133-1-2017 7.3.5		2024-06-21
		3	external short circuit	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them , for use in portable applications – Part 1: Nickel systems》 IEC 62133-1-2017 7.3.2		2024-06-21
		4	crush	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them , for use in portable applications – Part 1: Nickel systems》 IEC 62133-1-2017 7.3.6		2024-06-21
		5	low pressure	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them , for use in portable applications – Part 1: Nickel systems》 IEC 62133-1-2017 7.3.7		2024-06-21
		6	Mechanical shock	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them , for use in portable applications – Part 1: Nickel systems》 IEC 62133-1-2017 7.3.4		2024-06-21
23	Secondary cells and batteries containing	1	External short-circuit (cell)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them , for use in portable applications – Part 2: Lithium systems》 IEC 62133-2-		2024-06-21



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	alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries			2017 7.3.1		
		2	External short-circuit (battery)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them , for use in portable applications – Part 2: Lithium systems》 IEC 62133-2-2017 7.3.2		2024-06-21
		3	Free fall	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them , for use in portable applications – Part 2: Lithium systems》 IEC 62133-2-2017 7.3.3		2024-06-21
		4	Thermal abuse (cells)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them , for use in portable applications – Part 2: Lithium systems》 IEC 62133-2-2017 7.3.4		2024-06-21
		5	Crush (cells)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them , for use in portable applications – Part 2: Lithium systems》 IEC 62133-2-2017 7.3.5		2024-06-21
		6	Mechanical tests (batteries)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them , for use in portable applications – Part 2: Lithium systems》 IEC 62133-2-2017 7.3.8		2024-06-21
		7	Forced internal short-circuit (cells)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed		2024-06-21



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		№	Item/ Parameter			
				secondary cells, and for batteries made from them , for use in portable applications – Part 2: Lithium systems» IEC 62133-2-2017 7.3.9		
24	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium cells and batteries	1	external short circuit	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium cells and batteries,for use in industrial applications» IEC 62619-2017 7.2.1		2024-06-21
		2	impact	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium cells and batteries,for use in industrial applications» IEC 62619-2017 7.2.2		2024-06-21
		3	drop	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium cells and batteries,for use in industrial applications» IEC 62619-2017 7.2.3		2024-06-21
		4	thermal abuse	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium cells and batteries,for use in industrial applications» IEC 62619-2017 7.2.4		2024-06-21
		5	internal short circuit	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium cells and batteries,for use in industrial applications» IEC 62619-2017 7.3.2		2024-06-21
25	Nickel-cadmium	1	Free fall test	《Secondary cells and batteries containing alkaline or other non-acid electrolytes -Portable sealed rechargeable single cells-Part 1:Nickel-cadmium» IEC 61951-1-2017 8		2024-06-21
26	traction battery of electric vehicle	1	Short circuit	《Safety requirements and test methods for traction battery of electric vehicle》 GB/T 31485-2015 6.2.4,6.3.4	revoked and retained,wh	2024-06-21



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					ich can only be used when referenced.	
		2	Free fall	《Safety requirements and test methods for traction battery of electric vehicle》 GB/T 31485-2015 6.2.5,6.3.5	revoked and retained,wh ich can only be used when referenced.	2024-06-21
		3	Heat	《Safety requirements and test methods for traction battery of electric vehicle》 GB/T 31485-2015 6.2.6,6.3.6	revoked and retained,wh ich can only be used when referenced.	2024-06-21
		4	Crush	《Safety requirements and test methods for traction battery of electric vehicle》 GB/T 31485-2015 6.2.7,6.3.7	revoked and retained,wh ich can only be used when referenced.	2024-06-21
		5	Nail	《Safety requirements and test methods for traction battery of electric vehicle》 GB/T 31485-2015 6.2.8,6.3.8	revoked and retained,wh ich can only be used when	2024-06-21

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					referenced.	
		6	Seawater immersion	《Safety requirements and test methods for traction battery of electric vehicle》 GB/T 31485-2015 6.2.9,6.3.9	revoked and retained, which can only be used when referenced.	2024-06-21
		7	Low pressure	《Safety requirements and test methods for traction battery of electric vehicle》 GB/T 31485-2015 6.2.11,6.3.11	revoked and retained, which can only be used when referenced.	2024-06-21
27	Lithium ion cells and batteries used in portable electronic equipments	1	External short circuit in room temperature	《Lithium ion cells and batteries used in portable electronic equipments—Safety requirements》 GB 31241-2014 6.1	revoked and retained, which can only be used when referenced	2024-06-21
		2	External short circuit in high temperature	《Lithium ion cells and batteries used in portable electronic equipments—Safety requirements》 GB 31241-2014 6.2	revoked and retained, which can only be used when referenced	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Low pressure	《Lithium ion cells and batteries used in portable electronic equipments—Safety requirements》 GB 31241-2014 7.1,8.1	revoked and retained, which can only be used when referenced	2024-06-21
		4	Shock	《Lithium ion cells and batteries used in portable electronic equipments—Safety requirements》 GB 31241-2014 7.4	revoked and retained, which can only be used when referenced	2024-06-21
		5	Free fall	《Lithium ion cells and batteries used in portable electronic equipments—Safety requirements》 GB 31241-2014 7.5,8.5	revoked and retained, which can only be used when referenced	2024-06-21
		6	Crush	《Lithium ion cells and batteries used in portable electronic equipments—Safety requirements》 GB 31241-2014 7.6	revoked and retained, which can only be used when referenced	2024-06-21
		7	Impact	《Lithium ion cells and batteries used in portable electronic equipments—Safety requirements》 GB 31241-2014 7.7	revoked and retained, which can only be used when referenced	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					ich can only be used when referenced	
		8	Thermal abuse	《Lithium ion cells and batteries used in portable electronic equipments—Safety requirements》 GB 31241-2014 7.8	revoked and retained,wh ich can only be used when referenced	2024-06-21
		9	Projectile	《Lithium ion cells and batteries used in portable electronic equipments—Safety requirements》 GB 31241-2014 7.9	revoked and retained,wh ich can only be used when referenced	2024-06-21
		10	Shock	《Lithium ion cells and batteries used in portable electronic equipments—Safety requirements》 GB 31241-2014 8.4	revoked and retained,wh ich can only be used when referenced	2024-06-21
		11	Wash	《Lithium ion cells and batteries used in portable electronic equipments—Safety requirements》 GB 31241-2014 8.8&Annex F	revoked and retained,wh ich can only be used when	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					referenced	
		12	Short circuit	《Lithium ion cells and batteries used in portable electronic equipments—Safety requirements》 GB 31241-2014 9.6	revoked and retained, which can only be used when referenced	2024-06-21
		13	Short circuit protection	《Lithium ion cells and batteries used in portable electronic equipments—Safety requirements》 GB 31241-2014 10.6	revoked and retained, which can only be used when referenced	2024-06-21
28	Lithium metal and lithium ion batteries	1	All parameters	《RELATING TO SUBSTANCES AND ARTICLES OF TRANSPORT Manual of tests and criteria》 ST/SG/AC.10/11/Rev.7 UN38.3	Thermal test carry out at xinhua road	2024-06-21
		2	Altitude simulation	《RELATING TO SUBSTANCES AND ARTICLES OF TRANSPORT Manual of tests and criteria》 ST/SG/AC.10/11/Rev.7 UN38.3 38.3.4.1		2024-06-21
		3	Shock	《RELATING TO SUBSTANCES AND ARTICLES OF TRANSPORT Manual of tests and criteria》 ST/SG/AC.10/11/Rev.7 UN38.3 38.3.4.4		2024-06-21
		4	External short circuit	《RELATING TO SUBSTANCES AND ARTICLES OF TRANSPORT Manual of tests and criteria》 ST/SG/AC.10/11/Rev.7 UN38.3 38.3.4.5		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		5	Impact	《RELATING TO SUBSTANCES AND ARTICLES OF TRANSPORT Manual of tests and criteria》 ST/SG/AC.10/11/Rev.7 UN38.3 38.3.4.6.2		2024-06-21
		6	Crush	《RELATING TO SUBSTANCES AND ARTICLES OF TRANSPORT Manual of tests and criteria》 ST/SG/AC.10/11/Rev.7 UN38.3 38.3.4.6.3		2024-06-21
		7	vibration	《RELATING TO SUBSTANCES AND ARTICLES OF TRANSPORT Manual of tests and criteria》 ST/SG/AC.10/11/Rev.7 UN38.3 38.3.4.3		2024-06-21
		8	overcharge	《RELATING TO SUBSTANCES AND ARTICLES OF TRANSPORT Manual of tests and criteria》 ST/SG/AC.10/11/Rev.7 UN38.3 38.3.4.7		2024-06-21
		9	Forced discharge	《RELATING TO SUBSTANCES AND ARTICLES OF TRANSPORT Manual of tests and criteria》 ST/SG/AC.10/11/Rev.7 UN38.3 38.3.4.8		2024-06-21
29	civil lead-acid battery	1	external short circuit	《Safety technical specification for civil lead-acid battery》 GB/T 32504-2016 5.5		2024-06-21
		2	Free fall	《Safety technical specification for civil lead-acid battery》 GB/T 32504-2016 5.7		2024-06-21
30	lithium-ion battery pack used in solar street lamp	1	low pressure	《Technical specification for lithium-ion battery pack used in solar street lamp》 CQC1126-2017 4.3.4		2024-06-21
		2	acceleration impact	《Technical specification for lithium-ion battery pack used in solar street lamp》 CQC1126-2017 4.3.7		2024-06-21
		3	drop	《Technical specification for lithium-ion battery pack used in solar street lamp》 CQC1126-2017 4.3.9		2024-06-21
		4	soak	《Technical specification for lithium-ion battery pack used in solar street lamp》 CQC1126-2017 4.3.11		2024-06-21



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		№	Item/ Parameter			
		5	external short circuit control	《Technical specification for lithium-ion battery pack used in solar street lamp》 CQC1126-2017 4.3.13.5		2024-06-21
31	Lead-acid batteries for electric road vehicles	1	Free fall	《Lead-acid batteries for electric road vehicles》 GB/Z 18333.1-2001 6.15.1		2024-06-21
32	Secondary lithium-ion cells for the propulsion of electric road vehicles	1	Mechanical shock	《Secondary lithium-ion cells for the propulsion of electric road vehicles – Part 2:Reliability and abuse testing》 IEC 62660-2-2018 6.2.2		2024-06-21
		2	Crush	《Secondary lithium-ion cells for the propulsion of electric road vehicles – Part 2:Reliability and abuse testing》 IEC 62660-2-2018 6.2.3		2024-06-21
		3	external short circuit	《Secondary lithium-ion cells for the propulsion of electric road vehicles – Part 2:Reliability and abuse testing》 IEC 62660-2-2018 6.4.1		2024-06-21
33	metal-hydride Ni-ion batteries	1	Short circuit	《Electric bicycles-cell or battery and chargers Part 2:metal-hydride Ni-ion batteries and chargers》 QB/T 2947.2-2008 6.1.6.1		2024-06-21
		2	Soak	《Electric bicycles-cell or battery and chargers Part 2:metal-hydride Ni-ion batteries and chargers》 QB/T 2947.2-2008 6.1.6.6		2024-06-21
		3	Free fall	《Electric bicycles-cell or battery and chargers Part 2:metal-hydride Ni-ion batteries and chargers》 QB/T 2947.2-2008 6.1.6.7		2024-06-21
		4	130°C high temperature	《Electric bicycles-cell or battery and chargers Part 2:metal-hydride Ni-ion batteries and chargers》 QB/T 2947.2-2008 6.1.6.9		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		5	Nail	《Electric bicycles-cell or battery and chargers Part 2:metal-hydride Ni-ion batteries and chargers》 QB/T 2947.2-2008 6.1.6.10		2024-06-21
		6	Crush	《Electric bicycles-cell or battery and chargers Part 2:metal-hydride Ni-ion batteries and chargers》 QB/T 2947.2-2008 6.1.6.11		2024-06-21
34	Li-ion batteries	1	Short circuit	《Electric bicycles-cell or battery and chargers Part 3:Li-ion batteries and chargers》 QB/T 2947.3-2008 6.1.6.1		2024-06-21
		2	Soak	《Electric bicycles-cell or battery and chargers Part 3:Li-ion batteries and chargers》 QB/T 2947.3-2008 6.1.6.6		2024-06-21
		3	Free fall	《Electric bicycles-cell or battery and chargers Part 3:Li-ion batteries and chargers》 QB/T 2947.3-2008 6.1.6.7		2024-06-21
		4	130°C high temperature	《Electric bicycles-cell or battery and chargers Part 3:Li-ion batteries and chargers》 QB/T 2947.3-2008 6.1.6.9		2024-06-21
		5	Nail	《Electric bicycles-cell or battery and chargers Part 3:Li-ion batteries and chargers》 QB/T 2947.3-2008 6.1.6.10		2024-06-21
		6	Crush	《Electric bicycles-cell or battery and chargers Part 3:Li-ion batteries and chargers》 QB/T 2947.3-2008 6.1.6.11		2024-06-21
35	Lithium-ion battery for electric mopeds and motorcycles	1	high altitude	《Lithium-ion traction battery pack and system for electric vehicles-Part 3:Safety requirements and methods》 GB/T 31467.3-2015 7.12	revoked and retained,wh ich can only be used when referenced.	2024-06-21
		2	short-circuit protection	《Lithium-ioc traction battery pack and system for electric vehicles-Part 3:Safety requirements and test methods》 GB/T 31467.3-2015 7.14	revoked and retained,wh	2024-06-21



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					ich can only be used when referenced.	
		3	seawater immersion	《Lithium-ion traction battery pack and system for electric vehicles-Part 3:Safety requirements and test methods》 GB/T 31467.3-2015 7.9	revoked and retained,wh ich can only be used when referenced.	2024-06-21
		4	drop test	《Lithium-ion traction battery pack and system for electric vehicles-Part 3:Safety requirements and test methods》 GB/T 31467.3-2015 7.3	revoked and retained,wh ich can only be used when referenced.	2024-06-21
36	Lithium-ion battery for electric mopeds and motorcycles	1	impact	《Lithium-ion battery for electric mopeds and motorcycles》 GB/T 36672-2018 6.4.2		2024-06-21
		2	high altitude	《Lithium-ion battery for electric mopeds and motorcycles》 GB/T 36672-2018 6.3.4		2024-06-21
		3	short-circuit protection	《Lithium-ion battery for electric mopeds and motorcycles》 GB/T 36672-2018 6.5.2.4		2024-06-21
		4	seawater immersion	《Lithium-ion battery for electric mopeds and motorcycles》 GB/T 36672-2018 6.5.2.5		2024-06-21
		5	drop test	《Lithium-ion battery for electric mopeds and motorcycles》 GB/T 36672-2018 6.5.2.7		2024-06-21
37	Lithium-ion battery for	1	over charge	《Lithium-ion battery for electric bicycle》 GB/T 36972-2018 6.3.2		2024-06-21



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		№	Item/ Parameter			
	electric bicycle	2	forced discharge	《Lithium-ion battery for electric bicycle》 GB/T 36972-2018 6.3.3		2024-06-21
		3	external short circuit	《Lithium-ion battery for electric bicycle》 GB/T 36972-2018 6.3.4		2024-06-21
		4	extrusion	《Lithium-ion battery for electric bicycle》 GB/T 36972-2018 6.3.5		2024-06-21
		5	mechanical shock	《Lithium-ion battery for electric bicycle》 GB/T 36972-2018 6.3.6		2024-06-21
		6	free fall	《Lithium-ion battery for electric bicycle》 GB/T 36972-2018 6.3.8		2024-06-21
		7	infrabar	《Lithium-ion battery for electric bicycle》 GB/T 36972-2018 6.3.9		2024-06-21
		8	soaking water	《Lithium-ion battery for electric bicycle》 GB/T 36972-2018 6.3.11		2024-06-21
		9	shell stress	《Lithium-ion battery for electric bicycle》 GB/T 36972-2018 6.5.1		2024-06-21
38	Lithium ion battery for electrical energy storage	1	short circuit test	《Lithium ion battery for electrical energy storage》 GB/T 36276-2018 A.2.14,A3.15		2024-06-21
		2	squeezing test	《Lithium ion battery for electrical energy storage》 GB/T 36276-2018 A.2.15,A3.16		2024-06-21
		3	drop test	《Lithium ion battery for electrical energy storage》 GB/T 36276-2018 A.2.16,A3.17		2024-06-21
		4	low pressure test	《Lithium ion battery for electrical energy storage》 GB/T 36276-2018 A.2.17		2024-06-21
		5	thermal runaway test	《Lithium ion battery for electrical energy storage》 GB/T 36276-2018 A.2.19		2024-06-21
		6	Heat runaway diffusion test	《Lithium ion battery for electrical energy storage》 GB/T 36276-2018 A.3.19		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		7	overcharge	《Lithium ion battery for electrical energy storage》 GB/T 36276-2018 A2.12,A3.13		2024-06-21
		8	overdischarge	《Lithium ion battery for electrical energy storage》 GB/T 36276-2018 A2.13,A3.14		2024-06-21
		9	heating	《Lithium ion battery for electrical energy storage》 GB/T 36276-2018 A2.18		2024-06-21
39	Batteries for use in light electric vehicle (LEV)	1	overcharge test	《Batteries for use in light electric vehicle (LEV) allications》 UL 2271-2018 23		2024-06-21
		2	short circuit test	《Batteries for use in light electric vehicle (LEV) allications》 UL 2271-2018 24		2024-06-21
		3	overdischarge test	《Batteries for use in light electric vehicle (LEV) allications》 UL 2271-2018 25		2024-06-21
		4	shock test	《Batteries for use in light electric vehicle (LEV) allications》 UL 2271-2018 31		2024-06-21
		5	crush test	《Batteries for use in light electric vehicle (LEV) allications》 UL 2271-2018 32		2024-06-21
		6	drop test	《Batteries for use in light electric vehicle (LEV) allications》 UL 2271-2018 33		2024-06-21
40	LiFePO4 battery system for telecommunications	1	heavy impact test	《LiFePO4 battery system for telecommunications-part1: intergrated battery system》 YD/T 2344.1-2011 6.9.2		2024-06-21
		2	heat shock test	《LiFePO4 battery system for telecommunications-part1: intergrated battery system》 YD/T 2344.1-2011 6.9.3		2024-06-21
		3	over charge test	《LiFePO4 battery system for telecommunications-part1: intergrated battery system》 YD/T 2344.1-2011 6.9.4		2024-06-21
		4	over discharge test	《LiFePO4 battery system for telecommunications-part1: intergrated battery system》 YD/T 2344.1-2011 6.9.5		2024-06-21
		5	short circuit test	《LiFePO4 battery system for telecommunications-part1: intergrated battery system》 YD/T 2344.1-2011 6.9.6		2024-06-21



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		№	Item/ Parameter			
		6	dry heat storage	《LiFePO4 battery system for telecommunications-part1: intergrated battery system》 YD/T 2344.1-2011 6.9.7		2024-06-21
		7	heating test	《LiFePO4 battery system for telecommunications-part1: intergrated battery system》 YD/T 2344.1-2011 6.9.8		2024-06-21
		8	acupuncture test	《LiFePO4 battery system for telecommunications-part1: intergrated battery system》 YD/T 2344.1-2011 6.9.9		2024-06-21
		9	crushing test	《LiFePO4 battery system for telecommunications-part1: intergrated battery system》 YD/T 2344.1-2011 6.9.10		2024-06-21
		10	low voltage test	《LiFePO4 battery system for telecommunications-part1: intergrated battery system》 YD/T 2344.1-2011 6.9.11		2024-06-21
		11	shock test	《LiFePO4 battery system for telecommunications-part1: intergrated battery system》 YD/T 2344.1-2011 6.9.14		2024-06-21
		12	acupuncture test	《LiFePO4 battery system for telecommunications-part2:discrete battery system》 YD/T 2344.2-2015 6.11.8		2024-06-21
		13	curushing test	《LiFePO4 battery system for telecommunications-part2:discrete battery system》 YD/T 2344.2-2015 6.11.9		2024-06-21
		14	external short circuit	《LiFePO4 battery system for telecommunications-part2:discrete battery system》 YD/T 2344.2-2015 6.11.10		2024-06-21
41	Ultra-capacity for electric vehicles	1	over discharging	《Ultra-capacity for electric vehicles》 QC/T 741-2014 6.2.12.1 6.3.9.2		2024-06-21
		2	over charging	《Ultra-capacity for electric vehicles》 QC/T 741-2014 6.2.12.2		2024-06-21
		3	short circuit	《Ultra-capacity for electric vehicles》 QC/T 741-2014 6.2.12.3		2024-06-21
		4	falling	《Ultra-capacity for electric vehicles》 QC/T 741-2014 6.2.12.4		2024-06-21
		5	heating	《Ultra-capacity for electric vehicles》 QC/T 741-2014 6.2.12.5		2024-06-21



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		6	crushing	《Ultra-capacity for electric vehicles》 QC/T 741-2014 6.2.12.6		2024-06-21
		7	acupuncture test	《Ultra-capacity for electric vehicles》 QC/T 741-2014 6.2.12.7		2024-06-21
		8	sea water immersion	《Ultra-capacity for electric vehicles》 QC/T 741-2014 6.2.12.8		2024-06-21
		9	over discharging	《Ultra-capacity for electric vehicles》 QC/T 741-2014 6.3.9.2		2024-06-21
		10	over charging	《Ultra-capacity for electric vehicles》 QC/T 741-2014 6.3.9.3		2024-06-21
		11	short circuit	《Ultra-capacity for electric vehicles》 QC/T 741-2014 6.3.9.4		2024-06-21
		12	falling	《Ultra-capacity for electric vehicles》 QC/T 741-2014 6.3.9.5		2024-06-21
		13	heating	《Ultra-capacity for electric vehicles》 QC/T 741-2014 6.3.9.6		2024-06-21
		14	crushing	《Ultra-capacity for electric vehicles》 QC/T 741-2014 6.3.9.7		2024-06-21
		15	acupuncture test	《Ultra-capacity for electric vehicles》 QC/T 741-2014 6.3.9.8		2024-06-21
		16	sea water immersion	《Ultra-capacity for electric vehicles》 QC/T 741-2014 6.3.9.9		2024-06-21
42	primary and secondary lithium cells and batteries	1	altitude	《Safety of primary and secondary lithium cells and batteries during transport》 GB 21966-2008 IEC 62281 : 2004 6.4.1		2024-06-21
		2	shock	《Safety of primary and secondary lithium cells and batteries during transport》 GB 21966-2008 IEC 62281 : 2004 6.4.4		2024-06-21
		3	external short circuit	《Safety of primary and secondary lithium cells and batteries during transport》 GB 21966-2008 IEC 62281 : 2004 6.4.5		2024-06-21

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		№	Item/ Parameter			
		4	heavy impact	《Safety of primary and secondary lithium cells and batteries during transport》 GB 21966-2008 IEC 62281 : 2004 6.4.6		2024-06-21
		5	over charging	《Safety of primary and secondary lithium cells and batteries during transport》 GB 21966-2008 IEC 62281 : 2004 6.5.1		2024-06-21
		6	forced discharging	《Safety of primary and secondary lithium cells and batteries during transport》 GB 21966-2008 IEC 62281 : 2004 6.5.2		2024-06-21
		7	falling	《Safety of primary and secondary lithium cells and batteries during transport》 GB 21966-2008 IEC 62281 : 2004 6.6.1		2024-06-21
43	secondary cells and batteries containing alkaline or other non-acid electrolytes	1	incorrect installation of a cell (nickel systems only)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes-safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications》 GB/T 28164-2011 IEC 62133: 2002 4.3.1		2024-06-21
		2	external short circuit	《Secondary cells and batteries containing alkaline or other non-acid electrolytes-safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications》 GB/T 28164-2011 IEC 62133: 2002 4.3.2		2024-06-21
		3	free fall	《Secondary cells and batteries containing alkaline or other non-acid electrolytes-safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications》 GB/T 28164-2011 IEC 62133: 2002 4.3.3		2024-06-21



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		№	Item/ Parameter			
		4	mechanical shock (crash hazard)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes-safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications》 GB/T 28164-2011 IEC 62133: 2002 4.3.4		2024-06-21
		5	thermal abuse	《Secondary cells and batteries containing alkaline or other non-acid electrolytes-safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications》 GB/T 28164-2011 IEC 62133: 2002 4.3.5		2024-06-21
		6	crushing of cells	《Secondary cells and batteries containing alkaline or other non-acid electrolytes-safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications》 GB/T 28164-2011 IEC 62133: 2002 4.3.6		2024-06-21
		7	low pressure	《Secondary cells and batteries containing alkaline or other non-acid electrolytes-safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications》 GB/T 28164-2011 IEC 62133: 2002 4.3.7		2024-06-21
		8	overcharge for nickel systems	《Secondary cells and batteries containing alkaline or other non-acid electrolytes-safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications》 GB/T 28164-2011 IEC 62133: 2002 4.3.8		2024-06-21
		9	overcharge for lithium system	《Secondary cells and batteries containing alkaline or other non-acid electrolytes-safety requirements for portable sealed secondary cells, and for batteries made from them, for use in		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				portable applications》 GB/T 28164-2011 IEC 62133: 2002 4.3.9		
		10	forced discharge	《Secondary cells and batteries containing alkaline or other non-acid electrolytes-safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications》 GB/T 28164-2011 IEC 62133: 2002 4.3.10		2024-06-21
		11	cell protection against a high charging rate (lithium system only)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes-safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications》 GB/T 28164-2011 IEC 62133: 2002 4.3.11		2024-06-21
		12	free fall	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Mechanical tests for sealed portable secondary cells and batteries》 GB/T 28163-2011 IEC 61959: 2004 4.2		2024-06-21
		13	free fall	《Secondary cells and batteries containing alkaline or other non-acid electrolytes – Mechanical tests for sealed portable secondary cells and batteries》 IEC 61959: 2004 4.2		2024-06-21
44	lithium batteries	1	Altitude	《Tests for lithium batteries transported by air》 MH/T 1052-2013 4.3.2		2024-06-21
		2	shock test	《Tests for lithium batteries transported by air》 MH/T 1052-2013 4.3.5		2024-06-21
		3	external short circuit	《Tests for lithium batteries transported by air》 MH/T 1052-2013 4.3.6		2024-06-21
		4	shock, crushing test	《Tests for lithium batteries transported by air》 MH/T 1052-2013 4.3.7		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		5	overcharge test	《Tests for lithium batteries transported by air》 MH/T 1052-2013 4.3.8		2024-06-21
		6	forced discharge test	《Tests for lithium batteries transported by air》 MH/T 1052-2013 4.3.9		2024-06-21
		7	package 1.2m free fall test	《Tests for lithium batteries transported by air》 MH/T 1052-2013 5		2024-06-21
45	Lithium-ion cells for electric vehicles	1	short circuit	《Safety inspection of import and export secondary cells and batteries-Part 5: Lithium-ion cells for electric vehicles》 SN/T 1414.5-2016 5.1		2024-06-21
		2	over-charging	《Safety inspection of import and export secondary cells and batteries-Part 5: Lithium-ion cells for electric vehicles》 SN/T 1414.5-2016 5.2		2024-06-21
		3	forced discharging	《Safety inspection of import and export secondary cells and batteries-Part 5: Lithium-ion cells for electric vehicles》 SN/T 1414.5-2016 5.3		2024-06-21
		4	mechanical shock	《Safety inspection of import and export secondary cells and batteries-Part 5: Lithium-ion cells for electric vehicles》 SN/T 1414.5-2016 6.3		2024-06-21
		5	crushing	《Safety inspection of import and export secondary cells and batteries-Part 5: Lithium-ion cells for electric vehicles》 SN/T 1414.5-2016 6.4		2024-06-21
46	Power cell fuel cell	1	All parameters	《Test method for relevant technical indexes of power cell and fuel cell (Trial)》 Letter of central Government No.2[2017]	Test method for energy density (PED) of power batteries and test	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					method for maximum charge rate (CR) of power battery (including supercapacitor) carry out at xinhua road	
		2	Test method for rated output power of fuel cell system (engine)	《Test method for relevant technical indexes of power cell and fuel cell (Trial)》 Letter of central Government No.2[2017] 3		2024-06-21
				《Performance test methods for fuel cell engines》 GB/T 24554-2009 7.4	revoked and retained, which can only be used when referenced.	2024-06-21
		3	Test method for driving range of fuel cell electric vehicle	《Test method for relevant technical indexes of power cell and fuel cell (Trial)》 Letter of central Government No.2[2017] 4.3		2024-06-21
47	Fuel cell	1	Part of parameters	《Fuel cell power system used for industrial lift truck applications-Part 2:technical specification》 GB/T31037.2-2014	except for gas tightness, Electromagnetic compatibility	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	General performance test	《Fuel cell power system used for industrial lift truck applications-Part 2:technical specification》 GB/T31037.2-2014 6.1		2024-06-21
		3	Start-up characteristics test	《Fuel cell power system used for industrial lift truck applications-Part 2:technical specification》 GB/T31037.2-2014 6.3		2024-06-21
		4	Rated power characteristics test	《Fuel cell power system used for industrial lift truck applications-Part 2:technical specification》 GB/T31037.2-2014 6.4		2024-06-21
		5	Peak power characteristics test	《Fuel cell power system used for industrial lift truck applications-Part 2:technical specification》 GB/T31037.2-2014 6.5		2024-06-21
		6	Dynamic response characteristics test	《Fuel cell power system used for industrial lift truck applications-Part 2:technical specification》 GB/T31037.2-2014 6.6		2024-06-21
		7	Energy efficiency test	《Fuel cell power system used for industrial lift truck applications-Part 2:technical specification》 GB/T31037.2-2014 6.7		2024-06-21
		8	Temperature adaptability test	《Fuel cell power system used for industrial lift truck applications-Part 2:technical specification》 GB/T31037.2-2014 6.8		2024-06-21
		9	Noise characteristic test	《Fuel cell power system used for industrial lift truck applications-Part 2:technical specification》 GB/T31037.2-2014 6.9		2024-06-21
		10	Insulation strength test	《Fuel cell power system used for industrial lift truck applications-Part 2:technical specification》 GB/T31037.2-2014 6.10		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				《Electric vehicles—Safety specification Part 3: Protection of persons against electric hazards》 GB/T18384.3-2001 6.2	revoked and retained, which can only be used when referenced	2024-06-21
48	Proton exchange membrane fuel cell backup power system	1	Part of parameters	《Proton exchange membrane fuel cell backup power system—Safety》 GB/T31036-2014	Accredited only for Electrical overload test, leakage current, Dielectric strength, Grounding performance, Exhaust temperature test, Surfaces and components temperature test	2024-06-21
		2	Electrical overload test	《Proton exchange membrane fuel cell backup power system—Safety》 GB/T31036-2014 5.4		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	leakage current	《Proton exchange membrane fuel cell backup power system— —Safety》 GB/T31036-2014 5.5.1		2024-06-21
				《Information technology equipment—Safety—Part 1:General requirements》 GB 4943.1-2011 5.1	revoked and retained, which can only be used when referenced.	2024-06-21
		4	Dielectric strength	《Proton exchange membrane fuel cell backup power system— —Safety》 GB/T31036-2014 5.5.2		2024-06-21
				《Information technology equipment—Safety—Part 1:General requirements》 GB 4943.1-2011 5.2	revoked and retained, which can only be used when referenced.	2024-06-21
		5	Grounding performance	《Proton exchange membrane fuel cell backup power system— —Safety》 GB/T31036-2014 5.5.3		2024-06-21
		6	Exhaust temperature test	《Proton exchange membrane fuel cell backup power system— —Safety》 GB/T31036-2014 5.8		2024-06-21
49	Lithium ion cells and batteries used in stationary	7	Surfaces and components temperature test	《Proton exchange membrane fuel cell backup power system— —Safety》 GB/T31036-2014 5.9		2024-06-21
		1	High temperature external short circuit (battery)	《Lithium ion cells and batteries used in stationary electronic equipments—Safety technical specification》 GB 40165-2021 6.1		2024-06-21



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		№	Item/ Parameter			
electronic equipments		2	Overcharge (battery)	《Lithium ion cells and batteries used in stationary electronic equipments—Safety technical specification》 GB 40165-2021 6.2		2024-06-21
		3	Forced discharge (battery)	《Lithium ion cells and batteries used in stationary electronic equipments—Safety technical specification》 GB 40165-2021 6.3		2024-06-21
		4	Low pressure (battery)	《Lithium ion cells and batteries used in stationary electronic equipments—Safety technical specification》 GB 40165-2021 7.1		2024-06-21
		5	Vibration (battery)	《Lithium ion cells and batteries used in stationary electronic equipments—Safety technical specification》 GB 40165-2021 7.3		2024-06-21
		6	Acceleration shock (battery)	《Lithium ion cells and batteries used in stationary electronic equipments—Safety technical specification》 GB 40165-2021 7.4		2024-06-21
		7	Drop (battery)	《Lithium ion cells and batteries used in stationary electronic equipments—Safety technical specification》 GB 40165-2021 7.5		2024-06-21
		8	Heavy impact/ extrusion (battery)	《Lithium ion cells and batteries used in stationary electronic equipments—Safety technical specification》 GB 40165-2021 7.6		2024-06-21
		9	Heat abuse (battery)	《Lithium ion cells and batteries used in stationary electronic equipments—Safety technical specification》 GB 40165-2021 7.7		2024-06-21
		10	Vibration(battery pack)	《Lithium ion cells and batteries used in stationary electronic equipments—Safety technical specification》 GB 40165-2021 8.2		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		11	Acceleration shock (battery pack)	《Lithium ion cells and batteries used in stationary electronic equipments—Safety technical specification》 GB 40165-2021 8.3		2024-06-21
		12	Drop (battery pack)	《Lithium ion cells and batteries used in stationary electronic equipments—Safety technical specification》 GB 40165-2021 8.4		2024-06-21
50	Lithium-ion power batteries for electric bicycle	1	Overcharge of cell	《Technical requirements of lithium-ion power batteries for electric bicycle》 T/BBIA 4-2022 6.4.2		2024-06-21
		2	Overdischarge	《Technical requirements of lithium-ion power batteries for electric bicycle》 T/BBIA 4-2022 6.4.3		2024-06-21
		3	External short circuit	《Technical requirements of lithium-ion power batteries for electric bicycle》 T/BBIA 4-2022 6.4.4		2024-06-21
		4	Extrusion	《Technical requirements of lithium-ion power batteries for electric bicycle》 T/BBIA 4-2022 6.4.5		2024-06-21
		5	Mechanical shock	《Technical requirements of lithium-ion power batteries for electric bicycle》 T/BBIA 4-2022 6.4.6		2024-06-21
		6	Free fall	《Technical requirements of lithium-ion power batteries for electric bicycle》 T/BBIA 4-2022 6.4.8		2024-06-21
		7	Low-pressure	《Technical requirements of lithium-ion power batteries for electric bicycle》 T/BBIA 4-2022 6.4.9		2024-06-21
		8	Immerse in water	《Technical requirements of lithium-ion power batteries for electric bicycle》 T/BBIA 4-2022 6.4.11		2024-06-21
51	plastic	1	Horizontal combustion test	《Plastics—Determination of burning characteristics—Horizontal and vertical test》 GB/T 2408-2021 8		2024-06-21
		2	Vertical combustion test	《Plastics—Determination of burning characteristics—Horizontal and vertical test》 GB/T 2408-2021 9		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
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52	plastic	1	Horizontal combustion test	《Plastics—Determination of burning characteristics—Horizontal and vertical test》 GB/T 2408-2008 8	Revoked and retained, which can only be used when referenced.	2024-06-21
		2	Vertical combustion test	《Plastics—Determination of burning characteristics—Horizontal and vertical test》 GB/T 2408-2008 9	Revoked and retained, which can only be used when referenced.	2024-06-21
53	Electrical and electronic products	1	Horizontal combustion test	《Fire hazard testing for electric and electronic products—Part 16:Test flames—50 W horizontal and vertical flame test methods》 GB/T 5169.16-2017 8		2024-06-21
		2	Vertical combustion test	《Fire hazard testing for electric and electronic products—Part 16:Test flames—50 W horizontal and vertical flame test methods》 GB/T 5169.16-2017 9		2024-06-21
54	Valve-regulated lead-acid battery for electric bicycle	1	Fire resistance	《Valve-regulated lead-acid batteries for electeic bicycle》 T/ZJXDC 001-2021 7.14.2		2024-06-21
				《Fire hazard testing for electric and electronic products—Part 16:Test flames—50 W horizontal and vertical flame test methods》 GB/T 5169.16-2017 8、9		2024-06-21
55	Civil lead-acid battery	1	Bearing capacity of battery tank and cover	《Civil lead-acid battery technical code for safety》 GB/T32504-2016 5.9		2024-06-21
		2	Battery slot flame	《Civil lead-acid battery technical code for safety》		2024-06-21



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		№	Item/ Parameter			
			retardant	GB/T32504-2016 5.10	Revoked and retained, which can only be used when referenced.	2024-06-21
				《Plastics—Determination of burning characteristics—Horizontal and vertical test》 GB/T 2408-2008 8、9		
56	Lead-carbon battery for electric energy storage	1	Short circuit protection function	《Lead-carbon battery for electrical energy storage》 GB/T 36280-2018 A4.12		2024-06-21
		2	Flame retardant ability	《Lead-carbon battery for electrical energy storage》 GB/T 36280-2018 A2.9		2024-06-21
				《Plastics—Determination of burning characteristics—Horizontal and vertical test》 GB/T 2408-2021 8、9		2024-06-21
57	Battery equipment	1	Tested equipment, installation and testing steps	《Specification for Seismic Test of Telecommunications Equipment》 YD5083-2005 3		2024-06-21
		2	Performance test of communication technology of equipment under test	《Specification for Seismic Test of Telecommunications Equipment》 YD5083-2005 4		2024-06-21
		3	Vibration response inspection test	《Specification for Seismic Test of Telecommunications Equipment》 YD5083-2005 5		2024-06-21
		4	Seismic performance assessment	《Specification for Seismic Test of Telecommunications Equipment》 YD5083-2005 6		2024-06-21
58	Lithium-ion Batteries For		Part of Parameters	《Batteries for Use In Electric Vehicles》 UL 2580-2022	Thermal cycle、 Salt	2024-06-21

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		№	Item/ Parameter			
	Electric Vehicles				spray test and ground continuity test will be tested at Xinhua road; rotation test、Cooling/the rmal stability and system failure are unable to test	
		1	Overcharge test	《Batteries for Use In Electric Vehicles》 UL 2580-2022 25		2024-06-21
		2	Short circuit test	《Batteries for Use In Electric Vehicles》 UL 2580-2022 26		2024-06-21
		3	Overdischarge protection test	《Batteries for Use In Electric Vehicles》 UL 2580-2022 27		2024-06-21
		4	temperature test	《Batteries for Use In Electric Vehicles》 UL 2580-2022 28		2024-06-21
		5	imbalanced charging test	《Batteries for Use In Electric Vehicles》 UL 2580-2022 29		2024-06-21
		6	dielectric voltage withstand test	《Batteries for Use In Electric Vehicles》 UL 2580-2022 30		2024-06-21
		7	Isolation resistance test	《Batteries for Use In Electric Vehicles》 UL 2580-2022 31		2024-06-21



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		№	Item/ Parameter			
				《Electrically Propelled Road Vehicles — Safety Specifications — Part 1: Rechargeable Energy Storage System (RESS)》 ISO 6469-1-2009 6		2024-06-21
		8	vibration endurance test	《Batteries for Use In Electric Vehicles》 UL 2580-2022 35		2024-06-21
				《Vibration Testing of Electric Vehicle Batteries》 SAE J2380-2018 4		2024-06-21
		9	shock test	《Batteries for Use In Electric Vehicles》 UL 2580-2022 36		2024-06-21
				《Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock》 IEC 60068-2-27-2008 8		2024-06-21
		10	drop test	《Batteries for Use In Electric Vehicles》 UL 2580-2022 37		2024-06-21
		11	crush test	《Batteries for Use In Electric Vehicles》 UL 2580-2022 38		2024-06-21
		12	immersion test	《Batteries for Use In Electric Vehicles》 UL 2580-2022 41		2024-06-21
		13	external fire exposure test	《Batteries for Use In Electric Vehicles》 UL 2580-2022 42		2024-06-21
		14	Single battery failure tolerance test	《Batteries for Use In Electric Vehicles》 UL 2580-2022 43		2024-06-21
59	Lithium ion battery for electrical energy storage	1	High altitude initial charging and discharging energy test	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.5.3		2024-06-21
		2	Overcharge performance test	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.1.1.1		2024-06-21
		3	Overdischarge performance test	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.1.2.1		2024-06-21



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		4	Overload performance test	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.1.3.1		2024-06-21
		5	Short circuit performance test	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.1.4.1		2024-06-21
		6	Crushing performance test	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.2.1.1		2024-06-21
		7	Drop performance test	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.2.2.1		2024-06-21
		8	Thermal runaway performance test	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.4.2		2024-06-21
		9	Insulation performance test	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.1.5.1		2024-06-21
		10	Voltage withstand performance test	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.1.6.1		2024-06-21
		11	High altitude insulation performance test	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.3.3.1		2024-06-21
		12	High altitude withstand voltage performance test	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.3.4.1		2024-06-21
		13	Overcharge performance test (battery module)	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.1.1.2		2024-06-21
		14	Overdischarge performance test (battery module)	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.1.2.2		2024-06-21
		15	Overload performance test (battery module)	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.1.3.2		2024-06-21



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		16	Short circuit performance test (battery module)	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.1.4.2		2024-06-21
		17	crushing performance test(battery module)	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.2.1.2		2024-06-21
		18	Drop performance test (battery module)	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.2.2.2		2024-06-21
		19	Vibration performance test (battery module)	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.2.3		2024-06-21
		20	Liquid cooling pipeline pressure resistance performance test (battery module)	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.2.4.1		2024-06-21
		21	Thermal runaway diffusion performance test (battery module)	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.4.3		2024-06-21
		22	Appearance and dimensional inspection (battery cluster)	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.3.3		2024-06-21
		23	Safety protection function test (battery cluster)	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.5		2024-06-21
		24	Initial charge and discharge energy	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.4.1.3		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			test (battery cluster)			
		25	Insulation performance test (battery cluster)	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.1.5.2		2024-06-21
		26	Voltage withstand performance test (battery cluster)	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.1.6.2		2024-06-21
		27	High altitude insulation performance test (battery cluster)	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.3.3.2		2024-06-21
		28	High altitude withstand voltage performance test (battery cluster)	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.3.4.2		2024-06-21
		29	Liquid cooling pipeline pressure resistance performance test (battery cluster)	《Lithium ion battery for electrical energy storage》 GB/T 36276-2023 6.7.2.4.2		2024-06-21
60	Battery management system for electrical energy storage	1	Pressure	《Battery management system for electrical energy storage》 GB/T 34131-2023 7.4.4		2024-06-21
		2	Flow	《Battery management system for electrical energy storage》 GB/T 34131-2023 7.4.5		2024-06-21
		3	Liquid level	《Battery management system for electrical energy storage》 GB/T 34131-2023 7.4.6		2024-06-21
		4	Gas concentration	《Battery management system for electrical energy storage》 GB/T 34131-2023 7.4.7		2024-06-21



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		№	Item/ Parameter			
61	Sodium-ion battery for electric bicycle	1	Overcharge test	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.1.1		2024-06-21
		2	Overdischarge test	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.1.2		2024-06-21
		3	External short circuit test	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.1.3		2024-06-21
		4	Heat abuse testing	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.1.4		2024-06-21
		5	Acupuncture test	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.1.5		2024-06-21
		6	Low temperature safety testing	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.1.6		2024-06-21
		7	Overcharge protection test	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.2.1		2024-06-21
		8	Overdischarge protection test	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.2.2		2024-06-21
		9	External short-circuit protection test	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.2.3		2024-06-21
		10	Over temperature protection test	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.2.4		2024-06-21
		11	Overcurrent charging protection test	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.2.5		2024-06-21
		12	Overcurrent discharge protection test	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.2.6		2024-06-21
		13	Crush test	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.2.7		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		14	Acceleration shock test	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.2.8		2024-06-21
		15	Vibration test	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.2.9		2024-06-21
		16	Drop Test	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.2.10		2024-06-21
		17	Low pressure testing	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.2.13		2024-06-21
		18	immersion test	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.2.15		2024-06-21
		19	Thermal runaway diffusion test	《Sodium-ion battery for electric bicycle》 T/CHINABICYCLE 21-2023 6.4.2.18		2024-06-21
62	Balanced lithium-ion batteries for vehicles		All parameters	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021	Sample pretreatment (charging and discharging cycles), battery capacity testing, safety working parameters, labeling requirements, warning instructions, durability, temperature	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					cycling, and salt spray were carried out on Xinhua Road; Sample pretreatment (electrostatic discharge) carried out on Chunxin East Road	
		1	High temperature external short circuit	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 6.1		2024-06-21
		2	Overcharging	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 6.2		2024-06-21
		3	Forced Discharge	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 6.3		2024-06-21
		4	low pressure	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 7.1		2024-06-21
		5	vibrate	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 7.3		2024-06-21
		6	Acceleration shock	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 7.4		2024-06-21
		7	drop	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 7.5		2024-06-21

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		№	Item/ Parameter			
		8	Heavy object impact	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 7.6.1		2024-06-21
		9	crimp	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 7.6.2		2024-06-21
		10	Thermal abuse	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 7.7		2024-06-21
		11	Combustion injection	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 7.8		2024-06-21
		12	low pressure	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 8.1		2024-06-21
		13	vibrate	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 8.3		2024-06-21
		14	Acceleration shock	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 8.4		2024-06-21
		15	drop	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 8.5		2024-06-21
		16	stress relief	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 8.6		2024-06-21
		17	High temperature use	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 8.7		2024-06-21
		18	Immersion in water	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 8.9		2024-06-21
		19	Flame retardant	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 8.10		2024-06-21
				《Information technology equipment-Safety -Part 1:general requirements》 GB 4943.1-2011 Annex A	revoked and retained,	2024-06-21



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		№	Item/ Parameter			
					which can only be used when referenced.	
		20	Overvoltage charging	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 9.2		2024-06-21
		21	Single battery overvoltage control	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 9.3		2024-06-21
		22	Undervoltage discharge	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 9.4		2024-06-21
		23	Overcurrent charging	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 9.5		2024-06-21
		24	overload	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 9.6		2024-06-21
		25	external short circuit	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 9.7		2024-06-21
		26	Reverse charging	《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 9.8		2024-06-21
63	Lithium ion batteries for electric wheelchairs		All parameters	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022	Battery capacity testing, sample pretreatment (charging and discharging cycles), safety working	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					parameters, labeling requirements, warning instructions, durability, temperature cycling, and salt spray will be carried out on Xinhua Road; Sample pretreatment (electrostatic discharge) carried out on Chunxin East Road	
		1	High temperature external short circuit	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 6.1		2024-06-21
		2	Overcharging	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 6.2		2024-06-21
		3	Forced Discharge	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 6.3		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		4	low pressure	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 7.1		2024-06-21
		5	vibrate	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 7.3		2024-06-21
		6	Acceleration shock	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 7.4		2024-06-21
		7	drop	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 7.5		2024-06-21
		8	Heavy object impact	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 7.6.1		2024-06-21
		9	crimp	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 7.6.2		2024-06-21
		10	Thermal abuse	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 7.7		2024-06-21
		11	Combustion injection	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 7.8		2024-06-21
		12	low pressure	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 8.1		2024-06-21
		13	vibrate	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 8.3		2024-06-21
		14	Acceleration shock	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 8.4		2024-06-21
		15	drop	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 8.5		2024-06-21
		16	stress relief	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 8.6		2024-06-21



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		17	High temperature use	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 8.7		2024-06-21
		18	Immersion in water	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 8.9		2024-06-21
		19	Flame retardant requirements	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 8.10		2024-06-21
				《Audio/video,information and communication technology equipment—Part 1: Safety requirements》 GB 4943.1-2022 3.3.4		2024-06-21
		20	Overvoltage charging	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 9.2		2024-06-21
		21	Single section overvoltage charging protection	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 9.3		2024-06-21
		22	Overcurrent charging	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 9.4		2024-06-21
		23	Undervoltage discharge	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 9.5		2024-06-21
		24	Overcurrent discharge	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 9.6		2024-06-21
		25	external short circuit	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 9.7		2024-06-21
		26	Reverse charging	《Lithium-ion batteries and battery packs for electric wheelchairs Safety technical specifications.》 SJ/T 11810-2022 9.8		2024-06-21
64	lithium cells		Part of Parameters	《Safety requirements for lithium cells and batteries》 GJB 2374A-2013	Unexpected : Shooting project; Temperatur	2024-06-21



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		№	Item/ Parameter			
					e shock carried out on Xinhua Road	
		1	external short circuit	《Safety requirements for lithium cells and batteries》 GJB 2374A-2013 A.3.1		2024-06-21
		2	Forced Discharge	《Safety requirements for lithium cells and batteries》 GJB 2374A-2013 A.3.2		2024-06-21
		3	Abnormal charging	《Safety requirements for lithium cells and batteries》 GJB 2374A-2013 A.3.3		2024-06-21
		4	vibrate	《Safety requirements for lithium cells and batteries》 GJB 2374A-2013 B.3.1		2024-06-21
		5	Acceleration shock	《Safety requirements for lithium cells and batteries》 GJB 2374A-2013 B.3.2		2024-06-21
		6	drop	《Safety requirements for lithium cells and batteries》 GJB 2374A-2013 B.3.3		2024-06-21
		7	Heavy object impact	《Safety requirements for lithium cells and batteries》 GJB 2374A-2013 B.3.4		2024-06-21
		8	crimp	《Safety requirements for lithium cells and batteries》 GJB 2374A-2013 B.3.5		2024-06-21
		9	acupuncture	《Safety requirements for lithium cells and batteries》 GJB 2374A-2013 B.3.7		2024-06-21
		10	low pressure	《Safety requirements for lithium cells and batteries》 GJB 2374A-2013 C.3.1		2024-06-21
		11	Thermal shock	《Safety requirements for lithium cells and batteries》 GJB 2374A-2013 C.3.2		2024-06-21
		12	heat	《Safety requirements for lithium cells and batteries》 GJB 2374A-2013 C.3.3		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		13	High Temperature Storage	《Safety requirements for lithium cells and batteries》 GJB 2374A-2013 C.3.4		2024-06-21
		14	flame	《Safety requirements for lithium cells and batteries》 GJB 2374A-2013 C.3.6		2024-06-21
65	echelon using EV batteries for telecommunication		All parameters	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020	25 °C discharge, 0 °C discharge, -10 °C discharge, 55 °C discharge, high current discharge, performance consistency of cascaded battery packs, voltage drop between battery connections, capacity retention rate, charging	2024-06-21



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		№	Item/ Parameter			
					efficiency, cycle life, insulation resistance, electrical strength, constant humidity and heat, temperature cycling, and information measurement display accuracy were carried out on Xinhua Road; The immunity to electrostatic discharge, conducted disturbance limits, radiation disturbance limits, and surge	

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		№	Item/ Parameter			
					(impact) immunity will be implemente d on Chunxin East Road	
		1	apperance	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.3		2024-06-21
		2	identifying	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.4		2024-06-21
		3	Anti overcharging	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.11.1		2024-06-21
		4	Anti over discharge	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.11.2		2024-06-21
		5	Anti low pressure	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.11.3		2024-06-21
				《LiFePO4battery system for telecommunications. Part 1: Integrated batery system》 YD/T 2344.1-2011 6.9.11		2024-06-21



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		6	Anti vibration	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.11.7		2024-06-21
				《LiFePO4battery system for telecommunications. Part 1: Integrated battery system》 YD/T 2344.1-2011 6.9.13		2024-06-21
		7	thermal shock	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.11.8		2024-06-21
				《LiFePO4battery system for telecommunications. Part 1: Integrated battery system》 YD/T 2344.1-2011 6.9.3		2024-06-21
		8	High Temperature Storage	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.11.9		2024-06-21
				《LiFePO4battery system for telecommunications. Part 1: Integrated battery system》 YD/T 2344.1-2011 6.9.7		2024-06-21
		9	Anti heating	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.11.10		2024-06-21
				《LiFePO4battery system for telecommunications. Part 1: Integrated battery system》 YD/T 2344.1-2011 6.9.8		2024-06-21
		10	short circuit withstand	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.11.11		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				《LiFePO4battery system for telecommunications. Part 1: Integrated battery system》 YD/T 2344.1-2011 6.9.6		2024-06-21
		11	Anti extrusion	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.11.12		2024-06-21
				《LiFePO4battery system for telecommunications. Part 1: Integrated battery system》 YD/T 2344.1-2011 6.9.10		2024-06-21
		12	Flame retardant performance	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.11.14		2024-06-21
				《LiFePO4battery system for telecommunications. Part 1: Integrated battery system》 YD/T 2344.1-2011 6.9.16		2024-06-21
		13	Resistance to heavy object impact	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.11.15		2024-06-21
				《LiFePO4battery system for telecommunications. Part 1: Integrated battery system》 YD/T 2344.1-2011 6.9.2		2024-06-21
		14	Anti collision	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.11.16		2024-06-21
				《LiFePO4battery system for telecommunications. Part 1: Integrated battery system》 YD/T 2344.1-2011 6.9.14		2024-06-21
		15	BMS appearance	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations.		2024-06-21



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				Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.12.1		
		16	Number of BMS management units	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.12.2		2024-06-21
		17	working voltage	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.12.3		2024-06-21
		18	BMS basic power consumption	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.12.4		2024-06-21
		19	BMS sleep function	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.12.5		2024-06-21
		20	Information collection and storage function	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.12.6		2024-06-21
		21	BMS charging current limiting function	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.12.8		2024-06-21
		22	BMS charging total voltage high protection and	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations.		2024-06-21



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			recovery function	Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.12.9		
		23	BMS monomer voltage high protection and recovery function	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.12.10		2024-06-21
		24	BMS discharge total voltage low protection and recovery function	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.12.11		2024-06-21
		25	BMS discharge unit voltage low protection and recovery function	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.12.12		2024-06-21
		26	BMS discharge overcurrent management function	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.12.13		2024-06-21
		27	BMS high-temperature protection and recovery function	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.12.14		2024-06-21
		28	BMS low-temperature protection and recovery function	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.12.15		2024-06-21
		29	BMS output short circuit protection	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations.		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.12.16		
		30	BMS overcharge protection	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.12.17		2024-06-21
		31	BMS over discharge protection	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.12.18		2024-06-21
		32	BMS failure protection	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.12.19		2024-06-21
		33	Communication interface and protocol	《Technical requirements and test methods of vehicle power batteries for echelon utilization of communication base stations. Part 1: Lithium iron phosphate batteries》 YD/T 3768.1-2020 7.13		2024-06-21
66	fuel cell power systems for electric two-wheeler vehicles		All parameters	《Technical requirements for fuel cell power systems for electric two-wheeler vehicles》 T/CAB 0151 —2022	Electromagnetic compatibility (EMC) test conducted on Chunxin East Road	2024-06-21
		1	Rated output power test	《Technical requirements for fuel cell power systems for electric two-wheeler vehicles》 T/CAB 0151 —2022 6.2.1		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	Time to reach rated power test	《Technical requirements for fuel cell power systems for electric two-wheeler vehicles》 T/CAB 0151 —2022 6.2.2		2024-06-21
		3	Power overload rate test	《Technical requirements for fuel cell power systems for electric two-wheeler vehicles》 T/CAB 0151 —2022 6.2.3		2024-06-21
		4	Output voltage range test	《Technical requirements for fuel cell power systems for electric two-wheeler vehicles》 T/CAB 0151 —2022 6.2.4		2024-06-21
		5	Electrical efficiency test	《Technical requirements for fuel cell power systems for electric two-wheeler vehicles》 T/CAB 0151 —2022 6.2.5		2024-06-21
		6	Hydrogen leakage rate test	《Technical requirements for fuel cell power systems for electric two-wheeler vehicles》 T/CAB 0151 —2022 6.2.6		2024-06-21
		7	System continuous running time test	《Technical requirements for fuel cell power systems for electric two-wheeler vehicles》 T/CAB 0151 —2022 6.2.7		2024-06-21
		8	Working environment temperature experiment	《Technical requirements for fuel cell power systems for electric two-wheeler vehicles》 T/CAB 0151 —2022 6.2.8		2024-06-21
		9	Storage testing of fuel cell power systems	《Technical requirements for fuel cell power systems for electric two-wheeler vehicles》 T/CAB 0151 —2022 6.3.1		2024-06-21
		10	Vibration resistance test	《Technical requirements for fuel cell power systems for electric two-wheeler vehicles》 T/CAB 0151 —2022 6.3.3		2024-06-21
		11	Alarm function test	《Technical requirements for fuel cell power systems for electric two-wheeler vehicles》 T/CAB 0151 —2022 6.3.4		2024-06-21
		12	Protective function experiment	《Technical requirements for fuel cell power systems for electric two-wheeler vehicles》 T/CAB 0151 —2022 6.3.5		2024-06-21
		13	Leakage test (high-pressure gas cylinder)	《Technical requirements for fuel cell power systems for electric two-wheeler vehicles》 T/CAB 0151 —2022 6.4.1		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				《Method for leakage test of gas cylinders》 GB/T 12137-2015 6		2024-06-21
		14	Leakage test (hydrogen storage alloy)	《Technical requirements for fuel cell power systems for electric two-wheeler vehicles》 T/CAB 0151 —2022 6.5.1		2024-06-21
		15	Vibration safety performance test (hydrogen storage alloy)	《Technical requirements for fuel cell power systems for electric two-wheeler vehicles》 T/CAB 0151 —2022 6.5.2		2024-06-21
				《Environmental testing for electric and electronic products--Part 2:Tests methods Test Fc:Vibration(sinusoidal)》 GB/T 2423.10-2019 8		2024-06-21
67	Lithium ion batteries for portable electronic products		All parameters	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022	Sample capacity testing, sample pretreatment (charge discharge cycle), safety working parameters, labeling requirements, warning instructions , durability, temperature cycling, overvoltage charging	2024-06-21



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		№	Item/ Parameter			
					protection, overcurrent charging protection, undervoltage discharge protection, overcurrent discharge protection, short circuit protection, charging voltage control, charging current control, discharge voltage control, discharge current control, and charge discharge temperature control will be carried out on Xinhua	

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		№	Item/ Parameter			
					Road, Sample pretreatment (electrostatic discharge) carried out on Chunxin East Road	
		1	High temperature external short circuit	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 6.1		2024-06-21
		2	Overcharging	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 6.2		2024-06-21
		3	Forced Discharge	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 6.3		2024-06-21
		4	low pressure	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 7.1		2024-06-21
		5	vibrate	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 7.3		2024-06-21
		6	Acceleration shock	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 7.4		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		7	drop	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 7.5		2024-06-21
		8	crimp	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 7.6		2024-06-21
		9	Heavy object impact	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 7.7		2024-06-21
		10	Thermal shock	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 7.8		2024-06-21
		11	Combustion injection	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 7.9		2024-06-21
		12	low pressure	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 8.1		2024-06-21
		13	vibrate	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 8.3		2024-06-21
		14	Acceleration shock	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 8.4		2024-06-21
		15	drop	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 8.5		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		16	stress relief	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 8.6		2024-06-21
		17	High temperature use	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 8.7		2024-06-21
		18	wash	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 8.8		2024-06-21
		19	Flame retardant requirements	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 8.9		2024-06-21
				《Fire hazard testing for electric and electronic products--Part 16:Test flames--50W horizontal and vertical flame test methods》 GB/T 5169.16-2017 9		2024-06-21
		20	Overvoltage charging	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 9.2		2024-06-21
		21	Overcurrent charging	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 9.3		2024-06-21
		22	Undervoltage discharge	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 9.4		2024-06-21
		23	Overcurrent discharge	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 9.5		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		24	external short circuit	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 9.6		2024-06-21
		25	Reverse charging	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 9.7		2024-06-21
		26	Single stage battery overcharge protection	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 12.2.1		2024-06-21
		27	Single stage battery over discharge protection	《Lithium ion cells and batteries used in portable electronic equipments—Safety technical specification》 GB 31241-2022 12.2.2		2024-06-21
68	Secondary cells and batteries containing alkaline or other non-acid electrolytes		All parameters	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications》 IEC 62619-2022	Forced discharge (battery cells, battery blocks), overvoltage charging (battery system), overcurrent charging (battery system), and over temperature charging	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					(battery system) are being carried out on Xinhua Road	
		1	External short circuit (battery cell, battery block)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications》 IEC 62619-2022 7.2.1		2024-06-21
		2	Impact (battery cell, battery block)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications》 IEC 62619-2022 7.2.2		2024-06-21
		3	Drop (cell, battery block, battery system)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications》 IEC 62619-2022 7.2.3	笔记	2024-06-21
		4	Thermal abuse (battery cells, battery blocks)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications》 IEC 62619-2022 7.2.4		2024-06-21
		5	Overcharging (battery cells, battery blocks)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications》 IEC 62619-2022 7.2.5		2024-06-21
		6	Forced internal short circuit (battery cell)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications》 IEC 62619-		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				2022 7.3.2		
		7	Thermal runaway (battery system)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications》 IEC 62619-2022 7.3.3		2024-06-21
69	Rechargeable energy storage system		All parameters	《UNIFORM PROVISIONS CONCERNING THE APPROVAL OF: VEHICLES WITH REGARD TO SPECIFIC REQUIREMENTS FOR THE ELECTRIC POWER TRAIN》 ECE R100.03	Overcharge protection, over discharge protection, over temperature protection, and over current protection are implemented on Xinhua Road	2024-06-21
		1	vibrate	《UNIFORM PROVISIONS CONCERNING THE APPROVAL OF: VEHICLES WITH REGARD TO SPECIFIC REQUIREMENTS FOR THE ELECTRIC POWER TRAIN》 ECE R100.03 Annex 9A		2024-06-21
		2	Thermal shock and cycling	《UNIFORM PROVISIONS CONCERNING THE APPROVAL OF: VEHICLES WITH REGARD TO SPECIFIC REQUIREMENTS FOR THE ELECTRIC POWER TRAIN》 ECE R100.03 Annex 9B		2024-06-21



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		№	Item/ Parameter			
		3	Acceleration shock	《UNIFORM PROVISIONS CONCERNING THE APPROVAL OF: VEHICLES WITH REGARD TO SPECIFIC REQUIREMENTS FOR THE ELECTRIC POWER TRAIN》 ECE R100.03 Annex 9C		2024-06-21
		4	mechanical integrity	《UNIFORM PROVISIONS CONCERNING THE APPROVAL OF: VEHICLES WITH REGARD TO SPECIFIC REQUIREMENTS FOR THE ELECTRIC POWER TRAIN》 ECE R100.03 Annex 9D		2024-06-21
		5	fire-resistant	《UNIFORM PROVISIONS CONCERNING THE APPROVAL OF: VEHICLES WITH REGARD TO SPECIFIC REQUIREMENTS FOR THE ELECTRIC POWER TRAIN》 ECE R100.03 Annex 9E		2024-06-21
		6	External short-circuit protection	《UNIFORM PROVISIONS CONCERNING THE APPROVAL OF: VEHICLES WITH REGARD TO SPECIFIC REQUIREMENTS FOR THE ELECTRIC POWER TRAIN》 ECE R100.03 Annex 9F		2024-06-21
70	Secondary cells and batteries containing alkaline or other non-acid electrolytes		All parameters	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 2: Lithium systems》 IEC 62133-2: 2021	Continuous constant voltage charging (battery cells), high temperature molded shell stress (battery pack), forced discharge	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					(battery cells), and AC internal resistance (button battery) are being carried out on Xinhua Road	
		1	External short circuit (battery cell)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 2: Lithium systems》 IEC 62133-2: 2021 7.3.1		2024-06-21
		2	External short circuit (battery pack)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 2: Lithium systems》 IEC 62133-2: 2021 7.3.2		2024-06-21
		3	free fall	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 2: Lithium systems》 IEC 62133-2: 2021 7.3.3		2024-06-21
		4	Heat abuse (battery cells)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 2: Lithium systems》 IEC 62133-2:		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				2021 7.3.4		
		5	crimp(cell)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 2: Lithium systems》 IEC 62133-2: 2021 7.3.5		2024-06-21
		6	Overcharging	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 2: Lithium systems》 IEC 62133-2: 2021 7.3.6		2024-06-21
		7	vibrate	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 2: Lithium systems》 IEC 62133-2: 2021 7.3.8.1		2024-06-21
		8	Acceleration shock	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 2: Lithium systems》 IEC 62133-2: 2021 7.3.8.2		2024-06-21
		9	Forced internal short circuit (cell)	《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 2: Lithium systems》 IEC 62133-2: 2021 7.3.9		2024-06-21
71	batteries for use in		Part of Parameters	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022	Not conducting	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
	stationary and motive auxiliary power applications				static pressure testing, grounding continuity testing, cooling/the rmal stability system faults, working voltage measureme nt, rotor fixation testing (low-voltage DC fans/motors in secondary circuits), input, leakage current, stress relief testing, thrust testing, impact	

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		№	Item/ Parameter			
					testing, handle and wall hanging firmness testing, pressure relief testing, front pressure relief testing, single battery failure design tolerance; Overcharge testing, high rate charging, overload discharge testing, over discharge protection testing, temperature and	

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		№	Item/ Parameter			
					working limit inspection testing, unbalanced charging testing, withstand voltage testing, thermal cycling testing (for light rail power application s), humidity resistance testing, salt spray testing, capacity testing, and operation verification will be conducted on Xinhua Road; Electrostatic	

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		№	Item/ Parameter			
					c discharge, radio frequency electromagnetic field, fast instantaneous/sudden immunity, surge immunity, radio frequency common mode, and power frequency magnetic field will be carried out on Chunxin East Road	
		1	external short circuit	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 17		2024-06-21
		2	vibrate(LER)	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 28		2024-06-21
		3	Acceleration shock(LER)	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 29		2024-06-21



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		№	Item/ Parameter			
		4	crimp(LER)	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 30		2024-06-21
		5	drop	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 33		2024-06-21
		6	Mold stress testing	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 35		2024-06-21
		7	External fire test	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 41		2024-06-21
		8	Short circuit test	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 E3		2024-06-21
		9	Battery impact test	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 E4		2024-06-21
		10	drop	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 E5		2024-06-21
		11	heat	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 E6		2024-06-21
		12	Overcharging	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 E7		2024-06-21
		13	Forced Discharge	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 E8		2024-06-21
		14	Combustion injection	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 E9		2024-06-21
		15	Short circuit test	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 E11.1		2024-06-21
		16	Overcharging	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 E11.2		2024-06-21



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		№	Item/ Parameter			
		17	crimp	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 E11.3		2024-06-21
		18	impact test	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 E11.4		2024-06-21
		19	Acceleration shock	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 E11.5		2024-06-21
		20	vibrate	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 E11.6		2024-06-21
		21	heat	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 E11.7		2024-06-21
		22	Temperature cycling test	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 E11.8		2024-06-21
		23	Low pressure (altitude simulation) test	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 E11.9		2024-06-21
		24	Combustion injection	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 UL 1973:2022 E11.10		2024-06-21
72	portable lithium-ion battery energy storage power supply		Part of Parameters	《Technical specification for portable lithium-ion battery energy storage power supply》 SJ/T 11893-2023	Not involved in overall electrical safety, lithium-ion battery and battery pack safety, material flame retardant,	2024-06-21



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					and other component safety projects; Appearance and identification, interface, output energy, energy retention capacity, battery cycle life, output voltage, and ripple voltage will be carried out on Xinhua Road	
		1	Power adaptability	《Technical specification for portable lithium-ion battery energy storage power supply》 SJ/T 11893-2023 4.4.4		2024-06-21
		2	overcharge protection	《Technical specification for portable lithium-ion battery energy storage power supply》 SJ/T 11893-2023 4.5.1.1		2024-06-21
		3	Short circuit protection	《Technical specification for portable lithium-ion battery energy storage power supply》 SJ/T 11893-2023 4.5.1.2		2024-06-21



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		4	overload protection	《Technical specification for portable lithium-ion battery energy storage power supply》 SJ/T 11893-2023 4.5.1.3		2024-06-21
		5	misoperation	《Technical specification for portable lithium-ion battery energy storage power supply》 SJ/T 11893-2023 4.5.1.4		2024-06-21
		6	stress relief	《Technical specification for portable lithium-ion battery energy storage power supply》 SJ/T 11893-2023 4.5.5		2024-06-21
		7	vibrate	《Technical specification for portable lithium-ion battery energy storage power supply》 SJ/T 11893-2023 4.6.1		2024-06-21
				《Environmental testing for electric and electronic products--Part 2:Tests methods Test Fc:Vibration(sinusoidal)》 GB/T 2423.10-2019 8		2024-06-21
		8	Acceleration shock	《Technical specification for portable lithium-ion battery energy storage power supply》 SJ/T 11893-2023 4.6.2		2024-06-21
				《Electric and electronic products--Basic environmental test regulations for electricians--Test Ea: The impact method》 GB/T 2423.5-2019 8		2024-06-21
		9	drop	《Technical specification for portable lithium-ion battery energy storage power supply》 SJ/T 11893-2023 4.6.3		2024-06-21
73	battery energy storage systems		All parameters	《Test Method for Evaluating ThermalRunaway Fire propagation in battery energy storage systems》 UL 9540A-2019	The determinati on test of thermal runaway of the liquid flow battery and the exhaust gas	2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					composition (monomer level) of the liquid flow battery system will be carried out on Chunxin East Road; Gas composition testing for battery cell exhaust (individual level) conducted on Xinhua Road	
				《Test Method for Evaluating ThermalRunaway Fire propagation in battery energy storage systems》 UL 9540A-2019 7.3.1		2024-06-21
				《Standard for safety batteries for use in stationary and motive auxiliary power applications》 ANSI/CAN/UL 1973:2022 Annex F F3.1		2024-06-21
		1	Determination of thermal runaway method	《Standard for safety batteries for use in stationary and motive auxiliary power applications》 ANSI/CAN/UL 1973:2022		2024-06-21



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		№	Item/ Parameter			
				Annex F F3.2		
				《Standard for safety batteries for use in stationary and motive auxiliary power applications》 ANSI/CAN/UL 1973:2022 Annex F F3.3		2024-06-21
				《Standard for safety batteries for use in stationary and motive auxiliary power applications》 ANSI/CAN/UL 1973:2022 Annex F F3.4		2024-06-21
				《Standard for safety batteries for use in stationary and motive auxiliary power applications》 ANSI/CAN/UL 1973:2022 Annex F F3.5		2024-06-21
		2	Thermal runaway determination test for liquid flow batteries	《Test Method for Evaluating ThermalRunaway Fire propagation in battery energy storage systems》 UL 9540A-2019 7.3.2		2024-06-21
				《Standard for safety batteries for use in stationary and motive auxiliary power applications》 ANSI/CAN/UL 1973:2022 Annex F F3.4		2024-06-21
				《Standard for safety batteries for use in stationary and motive auxiliary power applications》 ANSI/CAN/UL 1973:2022 Annex F F3.5		2024-06-21
		3	Thermal runaway exhaust test of battery cells (individual level)	《Test Method for Evaluating ThermalRunaway Fire propagation in battery energy storage systems》 UL 9540A-2019 7.4.1		2024-06-21
				《Standard for safety batteries for use in stationary and motive auxiliary power applications》 ANSI/CAN/UL 1973:2022		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				Annex F F3.1		
				《Standard for safety batteries for use in stationary and motive auxiliary power applications》 ANSI/CAN/UL 1973:2022 Annex F F3.2		2024-06-21
				《Standard for safety batteries for use in stationary and motive auxiliary power applications》 ANSI/CAN/UL 1973:2022 Annex F F3.3		2024-06-21
				《Standard for safety batteries for use in stationary and motive auxiliary power applications》 ANSI/CAN/UL 1973:2022 Annex F F3.4		2024-06-21
				《Standard for safety batteries for use in stationary and motive auxiliary power applications》 ANSI/CAN/UL 1973:2022 Annex F F3.5		2024-06-21
		4	Gas/vapor combustion (explosion) limit - lower limit (monomer level)	《Test Method for Evaluating ThermalRunaway Fire propagation in battery energy storage systems》 UL 9540A-2019 7.4.3		2024-06-21
				《Standard Practice forDetermining Limits of Flammability of Chemicals at ElevatedTemperature and Pressure》 ASTM E918-19 4		2024-06-21
		5	Combustible gas combustion rate (individual level)	《Test Method for Evaluating ThermalRunaway Fire propagation in battery energy storage systems》 UL 9540A-2019 7.4.4		2024-06-21
				《Refrigerants - Designation and safety classification (Third Edition)》 ISO 817:2014 (E) Annex C C.4		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		6	Maximum explosion pressure of gas/vapor (individual level)	《Test Method for Evaluating ThermalRunaway Fire propagation in battery energy storage systems》 UL 9540A-2019 7.4.5		2024-06-21
				《Determination of maximum explosion pressure and the maximum rate of pressure rise of gases and vapours》 BS EN 15967:2022 4		2024-06-21
		7	Exhaust gas composition of liquid flow battery system (monomer level)	《Test Method for Evaluating ThermalRunaway Fire propagation in battery energy storage systems》 UL 9540A-2019 7.5		2024-06-21
				《Standard for safety batteries for use in stationary and motive auxiliary power applications》 ANSI/CAN/UL 1973:2022 Annex F F3.4		2024-06-21
				《Standard for safety batteries for use in stationary and motive auxiliary power applications》 ANSI/CAN/UL 1973:2022 Annex F F3.5		2024-06-21
				《Standard Practice for Determining Limits of Flammability of Chemicals at Elevated Temperature and Pressure》 ASTM E918-19 4		2024-06-21
		8	Module level testing	《Test Method for Evaluating ThermalRunaway Fire propagation in battery energy storage systems》 UL 9540A-2019 8.2		2024-06-21
		9	Indoor floor standing BESS unit (unit level)	《Test Method for Evaluating ThermalRunaway Fire propagation in battery energy storage systems》 UL 9540A-2019 9.2		2024-06-21
		10	Outdoor ground installation unit (unit level)	《Test Method for Evaluating ThermalRunaway Fire propagation in battery energy storage systems》 UL 9540A-2019 9.3		2024-06-21
		11	Indoor wall mounted units (unit level)	《Test Method for Evaluating ThermalRunaway Fire propagation in battery energy storage systems》 UL 9540A-2019 9.4		2024-06-21

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		12	Outdoor wall mounted equipment (unit level)	《Test Method for Evaluating ThermalRunaway Fire propagation in battery energy storage systems》 UL 9540A-2019 9.5		2024-06-21
		13	Testing of BESS installed on rooftops and open garages	《Test Method for Evaluating ThermalRunaway Fire propagation in battery energy storage systems》 UL 9540A-2019 9.6		2024-06-21
		14	Effectiveness of sprinkler heads (installation level)	《Test Method for Evaluating ThermalRunaway Fire propagation in battery energy storage systems》 UL 9540A-2019 10.3		2024-06-21
		15	Effectiveness of fire prevention plan (installation level)	《Test Method for Evaluating ThermalRunaway Fire propagation in battery energy storage systems》 UL 9540A-2019 10.6		2024-06-21
74	Batteries used for energy storage	1	Overcharging	《Batteries used for energy storage -- Part 1: Photovoltaic off-grid application technical conditions》 GB/T 22473.1-2021 7.6		2024-06-21
		2	overdischarge	《Batteries used for energy storage -- Part 1: Photovoltaic off-grid application technical conditions》 GB/T 22473.1-2021 7.7		2024-06-21
75	Stationary battery energy storage systems with lithium batteries	1	Internal short circuit (diffusion test)	《Stationary battery energy storage systems with lithium batteries Safety requirements》 VDE 2510-50:2017 6.2.4		2024-06-21
		2	External short circuit (cell/battery block)	《Stationary battery energy storage systems with lithium batteries Safety requirements》 VDE 2510-50:2017 8.1.2		2024-06-21
		3	External short circuit (module/battery system)	《Stationary battery energy storage systems with lithium batteries Safety requirements》 VDE 2510-50:2017 8.1.3		2024-06-21
		4	drop	《Stationary battery energy storage systems with lithium batteries Safety requirements》 VDE 2510-50:2017 8.2		2024-06-21
		5	impact test	《Stationary battery energy storage systems with lithium batteries Safety requirements》 VDE 2510-50:2017 8.3		2024-06-21



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				《Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications》 DIN EN 62619:2014 8.2.2		2024-06-21
		6	Thermal abuse	《Stationary battery energy storage systems with lithium batteries Safety requirements》 VDE 2510-50:2017 8.4		2024-06-21
76	lithium-ion power batteries for elec bicycletric	1	Overcharging	《Technical requirements of lithium-ion power batteries for elec bicycletric》 T/BBIA 4-2023 8.1		2024-06-21
		2	overdischarge	《Technical requirements of lithium-ion power batteries for elec bicycletric》 T/BBIA 4-2023 8.2		2024-06-21
		3	External short circuit (individual)	《Technical requirements of lithium-ion power batteries for elec bicycletric》 T/BBIA 4-2023 8.3		2024-06-21
		4	Thermal abuse	《Technical requirements of lithium-ion power batteries for elec bicycletric》 T/BBIA 4-2023 8.4		2024-06-21
		5	acupuncture	《Technical requirements of lithium-ion power batteries for elec bicycletric》 T/BBIA 4-2023 8.5		2024-06-21
		6	Forced Discharge	《Technical requirements of lithium-ion power batteries for elec bicycletric》 T/BBIA 4-2023 9.1		2024-06-21
		7	External short circuit (battery pack)	《Technical requirements of lithium-ion power batteries for elec bicycletric》 T/BBIA 4-2023 9.5		2024-06-21
		8	Molded shell stress	《Technical requirements of lithium-ion power batteries for elec bicycletric》 T/BBIA 4-2023 9.7		2024-06-21
		9	crimp	《Technical requirements of lithium-ion power batteries for elec bicycletric》 T/BBIA 4-2023 9.9		2024-06-21
		10	Acceleration shock	《Technical requirements of lithium-ion power batteries for elec bicycletric》 T/BBIA 4-2023 9.10		2024-06-21



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		№	Item/ Parameter			
		11	vibrate	《Technical requirements of lithium-ion power batteries for electric bicycle》 T/BBA 4-2023 9.11		2024-06-21
		12	Immersion in water	《Technical requirements of lithium-ion power batteries for electric bicycle》 T/BBA 4-2023 9.12		2024-06-21
		13	drop	《Technical requirements of lithium-ion power batteries for electric bicycle》 T/BBA 4-2023 9.13		2024-06-21
		14	low pressure	《Technical requirements of lithium-ion power batteries for electric bicycle》 T/BBA 4-2023 9.14		2024-06-21
77	Valve-controlled lead-acid battery with front terminal for communication	1	Flame retardant properties of shell materials	《Front terminal valve-regulated lead acid battery for telecommunications》 YD/T 2343-2020 6.5		2024-06-21
				《Plastics—Determination of burning characteristics—Horizontal and vertical test》 GB/T 2408-2008 8、9	Revoked and retained, which can only be used when referenced.	2024-06-21
78	High-temperature valve-controlled lead-acid battery for communication	1	Flame retardation	《High temperature valve-regulated lead acid batteries for telecommunications》 YD/T 2657-2021 7.9		2024-06-21
				《Plastics—Determination of burning characteristics—Horizontal and vertical test》 GB/T 2408-2008 8、9	Revoked and retained, which can only be used when referenced.	2024-06-21
79	High-rate valve-controlled	1	Flame retardation	《High-power valve-regulated lead acid battery for telecommunications》 YD/T 3427-2018 7.5		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
	sealed lead-acid battery for communication			《Plastics—Determination of burning characteristics—Horizontal and vertical test》 GB/T 2408-2008 8、9	Revoked and retained, which can only be used when referenced.	2024-06-21
80	Fixed valve-regulated lead-acid battery for electric power	1	Flame retardancy of materials	《Stationary valve-regulated lead-acid batteries for electric power》 DL/T 637-2019 8.14		2024-06-21
				《Plastics—Determination of burning characteristics—Horizontal and vertical test》 GB/T 2408-2008 8、9	Revoked and retained, which can only be used when referenced.	2024-06-21
81	drive motor systems for electric vehicles	1	appearance	《Functional safety requirements and test methods for drive motor systems for electric vehicles》 GB/T 31467-2023 7.1		2024-06-21
		2	polarity	《Functional safety requirements and test methods for drive motor systems for electric vehicles》 GB/T 31467-2023 7.2		2024-06-21
		3	Quality and size	《Functional safety requirements and test methods for drive motor systems for electric vehicles》 GB/T 31467-2023 7.3		2024-06-21
		4	Capacity and energy testing at room temperature	《Functional safety requirements and test methods for drive motor systems for electric vehicles》 GB/T 31467-2023 7.4.2		2024-06-21
		5	Capacity and energy testing at high temperatures	《Functional safety requirements and test methods for drive motor systems for electric vehicles》 GB/T 31467-2023 7.4.3		2024-06-21



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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		6	Capacity and energy testing at low temperatures	《Functional safety requirements and test methods for drive motor systems for electric vehicles》 GB/T 31467-2023 7.4.4		2024-06-21
		7	Power and internal resistance	《Functional safety requirements and test methods for drive motor systems for electric vehicles》 GB/T 31467-2023 7.5		2024-06-21
		8	No load capacity loss	《Functional safety requirements and test methods for drive motor systems for electric vehicles》 GB/T 31467-2023 7.6		2024-06-21
		9	Capacity loss in storage	《Functional safety requirements and test methods for drive motor systems for electric vehicles》 GB/T 31467-2023 7.7		2024-06-21
		10	High and low temperature starting power	《Functional safety requirements and test methods for drive motor systems for electric vehicles》 GB/T 31467-2023 7.8		2024-06-21
		11	energy efficiency	《Functional safety requirements and test methods for drive motor systems for electric vehicles》 GB/T 31467-2023 7.9		2024-06-21
		12	energy density	《Functional safety requirements and test methods for drive motor systems for electric vehicles》 GB/T 31467-2023 7.10		2024-06-21
		13	Charging performance	《Functional safety requirements and test methods for drive motor systems for electric vehicles》 GB/T 31467-2023 7.11		2024-06-21
		14	Working condition discharge	《Functional safety requirements and test methods for drive motor systems for electric vehicles》 GB/T 31467-2023 7.12		2024-06-21
82	Lead carbon battery for electrical energy storage	1	Initial charge-discharge performance at 25°C (battery cluster)	《Lead carbon battery for electrical energy storage》 GB/T 36280-2023 6.4.1.1.2		2024-12-10
		2	consistency	《Lead carbon battery for electrical energy storage》 GB/T 36280-2023 6.4.1.1.2		2024-12-10
		3	Initial charging and discharging	《Lead carbon battery for electrical energy storage》 GB/T 36280-2023 6.5.3		2024-12-10



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			performance at high altitude			
		4	Short circuit performance	《Lead carbon battery for electrical energy storage》 GB/T 36280-2023 6.7.1.3		2024-12-10
		5	Insulating property	《Lead carbon battery for electrical energy storage》 GB/T 36280-2023 6.7.1.4		2024-12-10
		6	Pressure resistance	《Lead carbon battery for electrical energy storage》 GB/T 36280-2023 6.7.1.5		2024-12-10
		7	High altitude insulation performance	《Lead carbon battery for electrical energy storage》 GB/T 36280-2023 6.7.2.3		2024-12-10
		8	High altitude pressure resistance	《Lead carbon battery for electrical energy storage》 GB/T 36280-2023 6.7.2.4		2024-12-10
		9	Flame retardant ability	《Lead carbon battery for electrical energy storage》 GB/T 36280-2023 6.7.3.2		2024-12-10
				《Plastics—adaetermination of burning characteristics—Horizontal and vertical test》 GB/T 2408-2021		2024-12-10
83	lithium-ion battery for electric bicycle		All parameters	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024	Lifting strength(battery pack) carry out at xinhua road;electrostatic discharge(battery pack), flame retardancy(	2024-12-10



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					battery pack) carry out at chunxindong road;I ₂ (A) discharge (battery pack)、High and low temperature impact(battery pack) carry out at xinjin road and xinhua road	
		1	I ₂ (A) discharge (battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.2.2.3		2024-12-10
		2	Overcharging (cell)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.3.1		2024-12-10
		3	Overdischarge (cell)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.3.2		2024-12-10
		4	External short circuit (cell)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.3.3		2024-12-10
		5	Thermal abuse(cell)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.3.4		2024-12-10



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		6	acupuncture(cell)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.3.5		2024-12-10
		7	sign(cell)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.3.6		2024-12-10
		8	Overcharging (battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.1.2		2024-12-10
		9	Overdischarge(battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.1.3		2024-12-10
		10	External short circuit(battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.1.4		2024-12-10
		11	Overcurrent discharge(battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.1.5		2024-12-10
		12	temperature protection(battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.1.6		2024-12-10
		13	insulation resistance(battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.1.7		2024-12-10
		14	crimp(battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.2.1		2024-12-10
		15	Acceleration shock(battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.2.2		2024-12-10
		16	vibrate(battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.2.3		2024-12-10
		17	free fall(battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.2.4		2024-12-10



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		18	low pressure(battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.3.1		2024-12-10
		19	High and low temperature impact(battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.3.2		2024-12-10
		20	Immersion in water(battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.3.3		2024-12-10
		21	Salt mist(battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.3.4		2024-12-10
				《Environmental testing - Part 2: Test methods - Test Kb: Salt mist, cyclic (sodium chloride solution)》 GB/T 2423.18-2021 9		2024-12-10
		22	Damp heat cycle(battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.3.5		2024-12-10
				《Environmental testing for electric and electronic products--Part 2:Test method--Test Db:Damp heat, cyclic (12h+12h cycle)》 GB/T 2423.4-2008 7		2024-12-10
		23	thermal diffusion(battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.4		2024-12-10
		24	Mutual recognition and collaborative charging(battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.5		2024-12-10
		25	data acquisition	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.6		2024-12-10
		26	sign(battery pack)	《Safety technical specification of lithium-ion battery for electric bicycle》 GB 43854-2024 6.4.7		2024-12-10



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(2)、Vehicle						
1	electric bicycle	1	protection of short circuit	《Safety requirement for electric bicycles electrical》 GB 42295-2022 5.8.3		2024-06-21
		2	protection of charging overvoltage	《Safety requirement for electric bicycles electrical》 GB 42295-2022 5.8.4.2		2024-06-21
		3	protection of charging overcurrent	《Safety requirement for electric bicycles electrical》 GB 42295-2022 5.8.4.3		2024-06-21
		4	misconnection protection of charging port	《Safety requirement for electric bicycles electrical》 GB 42295-2022 4.8.4.4		2024-06-21
		5	power outage of protection device failure	《Safety requirement for electric bicycles electrical》 GB 42295-2022 5.8.8		2024-06-21
		6	shock	《Safety requirement for electric bicycles electrical》 GB 42295-2022 5.10.2	accredited only for lithium-ion battery	2024-06-21
				《Lithium-ion battery for electric bicycle》 GB/T 36972-2018 6.3.6		2024-06-21
2	electric self-balancing scooters	1	The battery and battery pack project	《Safety requirements and test methods for electrical self-balancing vehicles》 GB/T 34668-2023 5.5.1		2024-06-21
				《Lithium ion cells and batteries used in self-balancing vehicle—Safety requirements》 GB/T 40559-2021 6, 7, 8, 9		2024-06-21
(3)、Electric of vehicle						
1	Electric motors	1	shock	《Motors and controllers for electric motorcycles and electric		2024-06-21



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	and their controllers for driving electric motorcycles and electric light motorcycles			mopeds》 QC/T 792-2022 6.36		
				《Environmental testing-Part 2:Tests methods-Test Ea and guidance: Shock》 GB/T 2423.5-2019		2024-06-21



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