



# Lithium battery pack warranty regulations

How long does a lithium battery warranty last?

The warranty start date of lithium batteries cannot be later than six months (outside China) or three months (in China) after the battery delivery date. Scenario 1: Party B is responsible for product installation.

Are lithium-ion batteries regulated in China?

Lithium-ion cells and batteries produced in or imported into China are now regulated in accordance with China's Compulsory Certification (CCC) system.

What is CCC certification for lithium-ion batteries & battery packs?

CCC certification for lithium-ion batteries and battery packs used in electronic and electrical products will be conducted in the initial phase. For lithium-ion batteries and battery packs used in other electronic and electric products, CCC certification shall be carried out in time when sufficient conditions exist. 3.

What are the GB31241 standards for lithium-ion batteries & battery packs?

Lithium-ion batteries and battery packs for portable electronic products such as portable office products, mobile communication products, and portable audio/video products. 1. Applicable standards: GB31241 2. Excluding lithium-ion batteries and battery packs for e-cigarettes

When does the new lithium-ion battery standard come into effect?

This is a revision of the 2014 version of the standard. It will come into effect Jan. 1, 2024. The revised standard includes updated definitions of "lithium-ion battery" and other terms; new items that should be displayed on products; and changed requirements for product safety tests.

What happens if a lithium battery fails during the warranty period?

Faulty parts replacement: During the warranty period, if an individual failure is caused by the lithium battery quality problem of Party B, Party B is responsible for delivering qualified parts to the receiving place agreed by both parties within the committed service level agreement (SLA).

Suppliers liability under this Warranty shall be limited to replacement, repair or refund using either new or refurbished goods at its discretion (refer to section 7: About Service Products and Parts"). Any replacement parts / products will be subject to the remainder of the original warranty period. The warranty applies to each battery pack.

Importance of EV Battery Supply Chain Sustainability in the Global Market January 23, 2025; Difference Between Locally Manufactured Li Battery Pack and a High-Quality Battery Pack January 10, 2025; Key Advancements in Lithium Battery Cooling Technologies for Enhanced Performance December 27, 2024

This has led to battery chemistries that pack higher energy in smaller packages. High-energy chemistry batteries include lithium ion, lithium ion polymer, and lithium metal batteries that are thinner, smaller, and lighter weight and contain more energy than traditional rechargeable and non-rechargeable batteries.

New Battery Certification Standard GB38031-2025 replaces previous Regulation in China 17. April 2025 The new Chinese standard GB38031-2025 was published on March 28, 2025, replacing the previously applicable version ...

The first set of regulation requirements under the EU Battery Regulation 2023/1542 will come into effect on 18 August 2024. These include performance and durability requirements for industrial batteries, electric vehicle (EV) batteries, and light means of transport (LMT) batteries; safety standards for stationary battery energy storage systems (SBESS); and information ...

Beginning May 2026, batteries above 2kWh placed in the Union market will be required to be electronically registered. This will be in the form of a Battery Passport carrying an identification QR Code and CE label that will ensure compliance with the safety and traceability requirements of the new European Battery Regulation.. The Battery Passport is basically a ...

Approval must be sought before placing the battery in a commercial or industrial application or the warranty will be invalid. This warranty specifically applies to the Invicta lithium (LiFePO<sub>4</sub>) batteries only and not the J22 Jump Pack or chargers. This warranty shall apply only to original purchasers in Australia or NZ.

The Lithium battery is factory replaceable only, incorrect replacement or tampering with the battery pack may cause an explosion. Explosion can cause death or serious injury. The battery pack contains no user serviceable components. Tampering with the battery pack terminals or housing will void the product warranty.

The new EU Battery Regulation, Regulation 2023/1542, introduces significant changes and requirements aimed at enhancing the sustainability and safety of batteries and battery-operated products. ... (cobalt, lead, lithium, nickel). These requirements will start to apply from August 18, 2024, with delegated acts and implementation acts specifying ...

Lithium-Ion Rechargeable Battery Pack BL1850B Complies with the OSHA Hazard Communication Standard: ... Dangerous Goods regulations (IMDG). For Lithium-ion batteries, the Watt-hour rating is no more than 20Wh /cell and ... Makita U.S.A, Inc. MAKES NO WARRANTY, EITHER EXPRESSED OR IMPLIED, WITH RESPECT TO THIS INFORMATION AND ...

Learn about China's new mandatory safety requirements for lithium-ion batteries in portable electronics. This comprehensive guide explores the GB 31241-2022 standard's essential test procedures, certification requirements, ...

The regulation was published in the EU Official Journal on 28 July 2023. ... Rechargeable battery types include lead -acid, lithium-ion, nickel-metal hydride, and nickel-cadmium batteries. In 2018, lead -acid batteries (LABs) provided approximately 72 % of global rechargeable battery ... (battery pack assembly, recycling and re-purposing), cel ...

lithium batteries are introduced, in light of the importance of lithium for the battery value chain. In addition, specific recovery targets for valuable materials - cobalt, lithium, lead and nickel - are set to be achieved by 2025 and 2030. The regulation aims to facilitate the transition to cleaner mobility as well as higher penetration of

The technical documentation should contain information (e.g. description of the lithium battery and its intended use) that makes it possible to assess the lithium battery's conformity with the requirements of the regulation. The regulation lists the required documentation in Annex VIII. Digital Battery Passport

On 18 February 2024, the new European Battery Regulations became applicable, with staggered implementation dates for the provisions they contain (including waste management, producer registration, EPR, collection, distributors' obligations, treatment, targets for recycling and recovery materials, and reporting obligations, that will apply after 18 August 2025). You can find a ...

**1.1 Lithium Battery Quality Issues** A lithium battery is deemed to be problematic when: 1. There is acid leakage. 2. The capacity is lower than 70% of the rated capacity (C5). **1.2 Temperature Conditions** 1. Class 1 (normal): The battery operating temperature is less than 40°C all year round; or the

Battery Pack and system manufacturer must recommend and support replacement of the Lithium ion Battery Pack whose operational time has noticeably decreased. In addition, when the voltage of Lithium ion Battery Cells or Pack is dropped below the minimum discharge voltage specified in the Product Specification, do not allow the end user to charge ...

Battery regulation's summary in the top countries producing electric vehicles - the EU, the US, China, South Korea, and Japan. Solutions. ... The country introduced several regulations focused on the lithium battery industry ...

49 CFR 173.185 - U.S. Lithium Battery Regulations. [Click here.](#) o 49 CFR 172.102 - Special Provisions 130 and 340 applicable to dry cell batteries and nickel metal hydride batteries. [Click here.](#) o 49 CFR 173.159, 173.159a - U.S. ...

**EV Battery Warranties: Manufacturer Coverage.** Most automakers have an 8 to 10-year or 100,000 miles warranty period on electric car batteries. This is because federal regulation in the U.S. mandates that electric car batteries be covered for a minimum of eight years.

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