

# Processing battery packs to provide lithium battery 3C certification

Is a lithium-ion battery certification mandatory?

The certification for lithium-ion batteries and battery packs, mobile power supplies and power adapters /chargers for telecommunication terminals is now mandatory. Starting August 1, 2023, the designated certification body will begin to carry out certification work for those newly included products.

When will "CCC" certification be implemented for lithium-ion cells/batteries & power banks?

Announcement No. 10 of China State Administration for Market regulation in 2023 has decided to implement "CCC" certification management for lithium-ion cells/batteries and power banks (hereinafter as "Li-batteries"): After a 1-year transitional period, "CCC" certification will be implemented by force on Aug. 1, 2024.

Do li-ion batteries need CCC certification?

Li-ion batteries must obtain "CCC" certification before they leave the factory, or be sold, imported, or used in other business activities in China.

Is CCC certification mandatory for power adapters/Chargers?

According to this announcement, compulsory product certification is mandatory for power adapters/chargers for terminal products. In the appendix list, there are three product categories namely power supply, mobile power, and lithium-ion cells and packs. Newly included products in CCC certification scope

Is CCC certification required for portable electronic products?

certification is required for those used in portable electronic products. CCC certification will be required in due course, i.e. when the conditions are published. The relevant technical standard now is GB31241-2022 "Safety Technical Specifications for Lithium-ion Batteries and Battery Packs for Portable Electronic Products".

When will Li-ion batteries be certified in China?

China has decided to implement "CCC" certification management for li-ion batteries by force as of Aug. 1, 2024. By Emma Zhang, regulatory specialist, supply chain

Lithium Battery Pack Protection and Control Appliances Energy Storage. REV1123 . Users must independently evaluate the suitability of and test each product selected for their own specific applications. It is the User's sole responsibility to determine fitness for a particular system or use based on their own performance criteria, conditions, specific application, compatibility with ...

certification requirement for Lithium-ion batteries, Battery Packs, Mobile Power supplies and Power adapters/charges for telecommunication ...

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Global lithium battery market experience, including product management for rechargeable lithium-ion packs for 7 years. Why Certify? Relevance for me? Why Certify? 33 samples required (27 ...

The Chinese State Administration for Market Regulation published new announcement on mobile power sources. Products including Li-ion batteries, mobile power ...

To address safety standards for lithium ion battery products, International Electrotechnical Commission (IEC) 62133- was introduced. TUV SUD's lithium-ion battery testing capabilities ensures the safety and reliability of electric cars. Learn more here.

We test cells and batteries according to relevant international and national standards. We support CB certification of batteries according to the standard IEC 62133. What kind of battery testing facilities does Nemko have? Our test facilities include (not a complete list, contact us for more details): Lithium systems cells and batteries

The first rechargeable lithium battery was designed by Whittingham (Exxon) ... It must provide a high Li + ion conduction pathway between the electrodes (closes the cell circuit during operation) and ...

Starting from August 1, 2024, the CCC certification for lithium batteries has been mandatory, which means that lithium-ion batteries or mobile power banks need to obtain 3C...

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