



Portable power bank implementation standards

What are power bank certification standards?

Power bank certification standards are a set of regulatory and safety guidelines designed to evaluate the electrical safety, electromagnetic compatibility (EMC), and environmental compliance of portable battery-powered charging devices.

What are the UL certification standards for power banks?

United States & Canada - UL/ETL/cTUVus Certification Standard for Power Banks: UL 2056, UL62368-1 & CAN/CSA-C22.2 No. 62368-1 - FCC Certification Regulations for Power Banks: fcc part 15 Subpart B
China - CQC certification / Inspection Report Standard for Power Banks: GB/T 35590 Taiwan

Do power banks need certification?

To ensure the safety and quality of power banks, they must undergo testing and certification by authoritative third-party organizations before being sold in the market. The certification standards for power banks vary from country to country. Let's take a look at the certification standards in different regions:

What are the requirements for a power bank in South Korea?

Products must bear the KC mark, indicating conformity with South Korean technical standards. Power banks must be certified by the Bureau of Standards, Metrology and Inspection (BSMI). Applicable standards include: Products must meet both EMC and electrical safety requirements: The RCM mark is mandatory for all low-voltage electrical products.

BEIJING, July 15 (Xinhua) -- China's Ministry of Industry and Information Technology (MIIT) is soliciting public opinion on plans to establish mandatory national standards for mobile power sources including ...

China's MIIT plans stricter power bank standards with tests like puncture and overcharging, amid global recalls and rising safety concerns.

Once formulated, this mandatory national standard will set stricter technical standards for power banks (including portable chargers). Label: lithium-ion battery CCC certification power bank ...

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? Implementation Timeline: Starting August 15, 2025, all new certification applications must follow the new Rules and Detailed Rules (CQC-C0902-2025). Existing certificates under the old rules ...

Responding to public concerns over the 3C certification (China Compulsory Certification) of portable power banks as the products without a 3C certification mark are banned on domestic flights, ...

Power bank certification standards vary globally. Key standards include UN38.3, IEC 62368-1, CE, UL,

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RoHS, and more. JJR Lab ensures compliance for safe market entry.

On July 28, 2025, China's National Certification and Accreditation Administration issued implementation rules for the compulsory certification (China Compulsory Certification [CCC]) of ...

The result: a completely new national standard GB XXXXX--XXXX "Safety Technical Specification for Power Bank" (draft released Nov 2024, final expected Q1-Q2 2025, mandatory 6-12 months after ...

The new Implementation Rules for Compulsory Certification of Power bank, lithium batteries and cells (CNCA-C09-02:2025) were implemented since August 15, 2025. In the meantime, the ...

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