

SolarTech Power Solutions

Portable power bank requirements



Overview

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 is a portable power bank?

Portable power banks are a battery with a special circuit to control power flow. They allow you to store electrical energy and then later use it to charge another electronic device. They come in many shapes and sizes and you may not be aware that you are carrying one.

What are power bank certification standards?

Power bank certification standards vary globally. Key standards include UN38.3, IEC 62368-1, CE, UL, RoHS, and more. JJR Lab ensures compliance for safe market entry.

Can you bring a power bank without a 3C certification?

You'll want to double-check its label. Recently, to ensure aviation safety, the Civil Aviation Administration of China (CAAC) issued an urgent notice: starting from June 28, passengers are prohibited from bringing power banks without a 3C certification mark, with unclear 3C labeling, or from recalled models or batches on domestic flights.

What are the FCC certification standards for power banks?

FCC Certification Regulations for Power Banks: fcc part 15 Subpart B China - CQC certification /Inspection Report Standard for Power Banks: GB/T 35590 Taiwan - bsmi Certification Standard for Power Banks: CNS15364, CNS13438, CNS14336-1 South Korea - kc certification Standard for Power Banks: KC62133-2.

Can a passenger carry a power bank without a 3C Mark?

2. According to the relevant regulations of the Civil Aviation Administration of China, starting from June 28, 2025, passengers are prohibited from carrying power banks without 3C marks, with unclear 3C marks, or of recalled models or batches on domestic flights.

Portable power bank requirements



Power Up Wisely: Important Air Travel Regulations for Portable ...

Effective June 28th 2025, new enforcement measures concerning portable power banks come into effect. Ensuring your power bank complies is paramount for a seamless passage through ...

How will Singapore Airlines and Scoot's power ...

Mar 13, 2025 · How will Singapore Airlines' & Scoot's power bank restrictions work? Singapore Airlines and Scoot will restrict inflight power bank use from 1 ...



China Bans Uncertified and Recalled Power ...

Jun 27, 2025 · China's Civil Aviation Administration enforced a ban on uncertified and recalled power banks on all domestic flights starting June 28, 2025. This ...

China bans uncertified power banks on domestic ...

Jun 27, 2025 · China is banning uncertified power banks from all domestic flights starting on Jun 28, following several onboard fire incidents linked to portable ...



China Updates CQC Rules for Power Banks

May 13, 2019 · China updates certification rules for portable power banks: China Quality Certification (CQC) updated a few details on CQC11-464116-2016, Certification Rules for ...

CAD updates regulations on air passengers carrying lithium ...

Mar 24, 2025 · The Civil Aviation Department (CAD) is highly concerned about recent safety incidents suspected to have been caused by passengers carrying and using lithium battery ...





China Eastern Regulations on Safe Transportation of Lithium ...

Aug 13, 2025 · According to the relevant regulations of the Civil Aviation Administration of China, starting from June 28, 2025, passengers are prohibited from carrying power banks without 3C ...

?Power Banks On Board?2025 New Regulations for Carrying Power ...

In recent years, incidents of power banks (commonly known as "charging bricks") catching fire on flights have become increasingly common. Notably, in early 2025, fire-related accidents ...



Can You Carry On A Portable Battery? TSA Rules For Power ...

Feb 9, 2025 · Can You Use a Portable Battery During a Flight? Yes, you can use a portable battery during a flight, but there are specific regulations to follow. Portable batteries, often ...

Can You Take Charging Banks on Planes? TSA Rules and

Jun 10, 2025 · Yes, you can take portable chargers on planes in your carry-on bags. They must have a lithium-ion battery with a Watt-hour (Wh) rating under 100Wh. Airlines usually allow a ...



2025 Latest Guide: What kind of portable power bank can be ...

Jul 22, 2025 · Starting from June 28, 2025, power banks carried on flights within China must pass the 3C certification (the certificate status can be found on the official website of the ...

Certification Standards for Power Banks in ...

Jan 9, 2025 · To ensure the safety and quality of power banks, they must undergo testing and certification by authoritative third-party organizations before being ...



What are the supported power sources on Starlink



Mini?

The Starlink Mini has a power input rating of 12-48VDC, 60W. Starlink only guarantees performance with the included Starlink power supply and cable. Please refer to the Starlink ...

Can I Bring a Portable Power Bank on a Plane? TSA Rules

Jun 30, 2025 · You can bring a portable charger or power bank on a plane in your carry-on luggage. Spare lithium-ion batteries must also be in carry-on bags, not checked luggage. ...



Power banks without 3C certification banned on ...

Jun 26, 2025 · China's civil aviation regulator has announced a ban on power banks without a valid 3C certification, those with unclear 3C labels, or those ...

Travel Alert: China Bans Non-3C Power Banks on Flights

Jun 27, 2025 · China just announced a ban on non-3C power banks on all domestic flights. Here is what you need to know... China Bans Non-3C Power Banks on Flights Travellers heading to ...



Certification Standards for Power Banks in Various Countries

Jul 17, 2024 · A power bank is composed of batteries or battery packs, corresponding circuits, and casing, capable of providing stable DC output as a non-fixed power source system, weighing ...

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