

EU Portable Power Bank Standards





Overview

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 new ecodesign requirements for external power supplies?

The draft Commission Regulation proposes new ecodesign requirements for External Power Supplies (EPS), Battery Chargers for portable batteries, Wireless Chargers, Wireless Charging Pads, and USB Type-C cables. 1. Extending the scope - Wireless Chargers and Battery Chargers for portable batteries, as per Regulation (EU) 2023/1542. 2.

What is a power bank?

It is a non-fixed power system capable of providing stable DC output, and it is portable with a weight not exceeding 18kg. Power banks are commonly referred to as "charging treasures" and are portable devices that integrate power supply and charging functions.

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



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Laws and Regulations to Consider When ...

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Certification Standards for Power Banks in Different Countries

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Understanding Power Bank Certification ...

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Power Bank Regulations and Standards in the EU: An ...

RohsLow Voltage DirectiveEMC DirectiveRadio Equipment DirectiveCE MarkingCE DocumentationWEEE SymbolReachDirective 94/62/EC: Packaging RegulationsAmazon Europe Compliance RequirementsThe CE marking is a declaration that the product meets the requirements of the applicable CE marking directives, such as RED, EMC, and LVD. Since any power bank is covered by such directives, you must permanently affix the CE Marking on the product, packaging, and the user manual. See more on compliancegate .b_imgcap_alttitle p strong,.b_imgcap_alttitle .b_factrow strong{color:#767676}#b_results .b_imgcap_alttitle{line-height:22px}.b_imgcap_alttitle{display:flex;flex-direction:row-reverse;gap:var(--mai-smtc-padding-card-default)}.b_imgcap_alttitle .b_imgcap_img{flex-shrink:0;display:flex;flex-direction:column}.b_imgcap_alttitle .b_imgcap_main{min-width:0;flex:1}.b_imgcap_img .b_imgcap_img>div,.b_imgcap_img .b_imgcap_img a{display:flex}.b_imgcap_img img{border-radius:var(--smtc-corner-card-rest)}.b_hList img{display:block}.b_imagePair ner img{display:block;border-radius:6px}.b_algo .vtv2 img{border-radius:0}.b_hList .cico{margin-bottom:10px}.b_title .b_imagePair> ner,.b_vList>li>.b_imagePair> ner,.b_hList .b_imagePair> ner,.b_vPanel>div>.b_imagePair> ner,.b_gridList .b_imagePair> ner,.b_caption .b_imagePair> ner,.b_imagePair> ner>.b_footnote,.b_poleContent .b_imagePair> ner{padding-bottom:0}.b_imagePair> ner{padding-bottom:10px;float:left}.b_imagePair.reverse> ner{float:right}.b_imagePair .b_imagePair:last-child:after{clear:none}.b_algo .b_title .b_imagePair{



display:block}.b_imagePair.b_cTxtWithImg>*{vertical-align:middle;display:inline-block}.b_imagePair.b_cTxtWithImg> ner{float:none;padding-right:10px}.b_imagePair.square_s> ner{width:50px}.b_imagePair.square_s{padding-left:60px}.b_imagePair.square_s> ner{margin:2px 0 0 -60px}.b_imagePair.square_s.reverse{padding-left:0;padding-right:60px}.b_imagePair.square_s.reverse> ner{margin:2px -60px 0 0}.b_ci_image_overlay: hover{cursor:pointer} sightsOverlay,#OverlayIFrame.b_mcOverlay sightsOverlay{position:fixed;top:5%;left:5%;bottom:5%;right:5%;width:90%;height:90%;border:0;border-radius:15px;margin:0;padding:0;overflow:hidden;z-index:9;display:none}#OverlayMask,#OverlayMask.b_mcOverlay{z-index:8;background-color:#000;opacity:.6;position:fixed;top:0;left:0;width:100%;height:100%}jjrlab Certification Standards for Power Banks in ...Jan 9, 2025 · A power bank (also known as a portable charger) is made up of a battery or battery pack, corresponding circuits, and an outer shell. It is a ...

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Power Bank Regulations and Standards in the EU: An Overview

Dec 12, 2019 · An essential guide to RoHS, Low Voltage Directive, EMC, RED, CE marks, WEEE, and lab testing for power banks in the European Union.

Certification Standards for Power Banks in Various Countries

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An Overview of EU Battery Regulation

Oct 30, 2024 · EU Battery Regulation covers electric vehicle batteries, LMT batteries, SLI batteries, industrial batteries, portable batteries, and stationary battery energy storage systems.

Regulation

COMMISSION REGULATION (EU) 2025/2052 of 13 October 2025 laying down ecodesign requirements for external power supplies, wireless chargers, wireless charging pads, battery ...



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