

Title: Solar container lithium battery pack gb31241

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What is gb31241-2014?

GB31241-2014 "Safety Requirements for Lithium Ion Batteries and Battery Packs for Portable Electronic Products" is mainly for mobile electronic products that are not more than 18kg and are scheduled to be carried by users.

What is the difference between gb31241-2014 and GB/T 18287-2013?

Compared with GB/T 18287-2013 and other standards, GB31241-2014 pays more attention to the safety of lithium-ion batteries, except GB/T 18287 requires external short circuit, overcharge, over discharge, low pressure, temperature cycle, vibration and other test items.

Why is quality control important in lithium-ion batteries & battery packs?

The selection of materials, design, and processes in the production process of lithium-ion batteries and battery packs is crucial to their safety. Examples of quality control in the production process can be found in Appendix A, and design and manufacturing processes can be referred to in Appendix B.

This document specifies the safety requirements and test methods for lithium ion cells and batteries used in portable electronic equipment. This document applies to lithium ion cells and ...

GB 31241-2022 imposes new and updated requirements on manufacturers of lithium-ion cells and batteries. This article provides a ...

This document specifies the safety requirements and test methods for lithium ion cells and batteries used in portable electronic equipments. This document is applicable to lithium ion ...

A device that relies on the movement of lithium ions between the positive and negative electrodes to convert chemical energy into electrical energy and is designed to be rechargeable. Note: ...

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Among them, GB31241 is the specific standard for the safety of lithium ion batteries. This article will discuss the contents and requirements of GB31241 standards in depth.



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