

# **Huawei solar container battery applicable standards**





## Overview

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Does Huawei's fire-free energy storage system redefine safety?

Abstract: With the battery pack-level thermal runaway control, Huawei's fire-free energy storage system (ESS) redefines safety. [Shenzhen, China, December 24, 2024] Huawei Digital Power and TÜV Rheinland jointly completed ESS safety tests on Huawei's Smart String & Grid Forming ESS Platform (LUNA2000-4472 series and LUNA2000-215 series).

What is Huawei digital power?

With safety as its top priority, Huawei Digital Power is driving the healthy and sustainable development of the energy storage industry, and making valuable contributions to the creation of clean, low-carbon, safe, and efficient new power systems.

What are the key standards for lithium ion cells?

Here's a breakdown of key standards at each level: IEC 62619 and IEC 63056 ensure safety and performance for industrial lithium-ion cells. UL 1642 and UN 38.3 verify safety and transport compliance of lithium cells. RoHS and REACH (NPS) ensure environmental and chemical safety.



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Energy Storage System Products List covers all Smart String ESS products, including LUNA2000, STS-6000K, JUPITER-9000K, Management System and other accessories product series.



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Consider this: A typical Australian household using the Huawei battery storage solution can achieve 90% self-consumption of solar energy, reducing annual electricity bills by AU\$2,300. ...



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Cell to Grid Safety Huawei's Smart String Grid-Forming ESS ensures robust protection through five layers of integrated safety design, from individual cells, battery packs, racks, systems, and ...



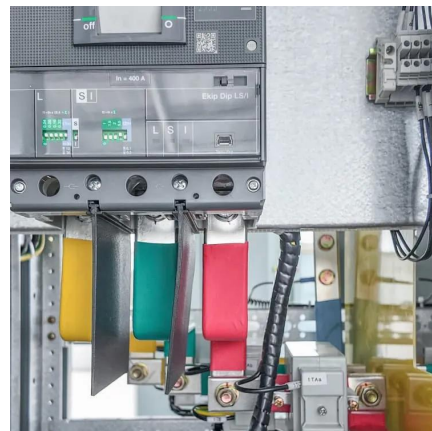
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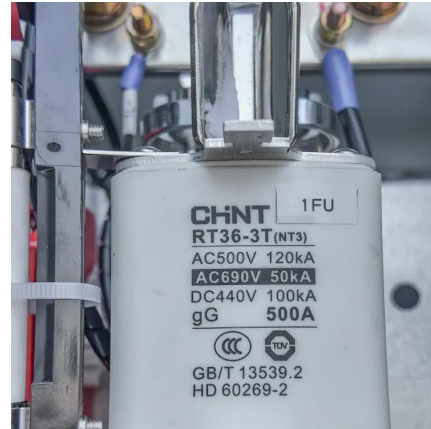
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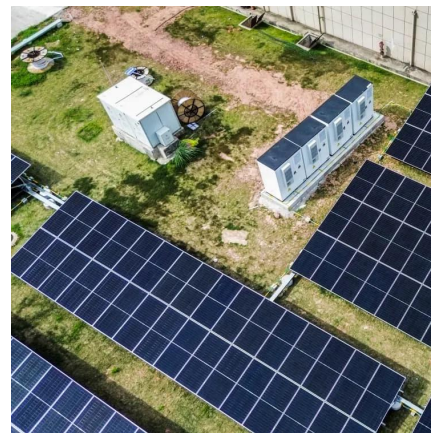


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