



MODERNIZATION SOLAR

# Huawei Energy Storage Equipment Safety Logo





## 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).

Does Huawei have ESS safety tests?

Huawei Digital Power and TÜV Rheinland have jointly completed ESS safety tests on Huawei's smart string and grid forming ESS platform (LUNA2000-4472 and LUNA2000-215 series).

What makes Huawei digital power ESS safe?

To achieve this, Huawei Digital Power has invested heavily in the quality and safety fields. By upgrading the traditional container-level thermal runaway control to the pack-level thermal runaway control, the company has raised the bar for ESS safety, providing higher-level protection.

Why is Huawei digital power the world's highest-level certificate for ESS safety?

As a result, Huawei Digital Power has become the first company to receive the world's highest-level certificate for ESS safety, marking a significant milestone in the industry. Huawei's smart string and grid forming ESS platform has become the first to achieve the world's highest-level safety certification



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### [LUNA2000-2.0MWH and 1.0MWH Series Smart String ESS Safety ...](#)

Purpose This document describes the safety information of the LUNA2000-2.0MWH and 1.0MWH Series Smart String ESS.

### [Huawei's Energy Storage System Sets New Safety Standards](#)

Mar 5, 2025 · Redefining Safety Standards for Energy Storage Systems Huawei's advancements redefine what safety means for energy storage solutions. The rigorous testing procedures ...



### [Huawei's ESS Platform Becomes the First to Achieve the ...](#)

Dec 23, 2024 · 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 #energystorage #innovation\\_ TÜV ...](#)

Huawei X TÜV Rheinland: Safety Standards Upgraded in Energy Storage System ?? We're excited to share a milestone in the energy storage ...



## [Learn about the security design of Huawei ...](#)

Sep 12, 2025 · This article will start from the design concept of Huawei energy storage products and introduce the safety considerations of ...



## [Energy Storage System Products List , HUAWEI Smart PV ...](#)

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



## [Huawei ESS platform first to achieve highest ...](#)

Jan 13, 2025 · Huawei Digital Power and TÜV Rheinland have jointly completed ESS safety tests on Huawei's smart string and grid forming ...



## [Huawei Receives UL 1973 and UL 9540A Safety Certifications ...](#)

Aug 17, 2022 · UL 1973 is a safety standard for energy storage battery systems. It stipulates comprehensive testing and evaluation in terms of electrical safety, mechanical safety, ...



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## [LUNA2000 Energy Storage System Safety Information](#)

Jan 11, 2024 · Provides safety information for Huawei's LUNA2000 Energy Storage System, including guidelines on installation, operation, and maintenance.



## [Huawei ESS platform first to achieve highest-level safety ...](#)

Jan 13, 2025 · Huawei Digital Power and TÜV Rheinland have jointly completed ESS safety tests on Huawei's smart string and grid forming ESS platform (LUNA2000-4472 and LUNA2000-215 ...



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## [C& I ESS Safety White Paper](#)

C& I ESS Safety White Paper Introduction As renewable energy technologies develop and become increasingly popular, battery energy storage technologies are widely used in fields ...



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