

# Huawei Energy Storage Equipment Grade Standards







#### **Overview**

Is Huawei's smart string energy storage system ESS certified?

[Shanghai, China, June 4, 2021] At SNEC 2021, Huawei's smart string energy storage system (ESS) for residential use, the LUNA2000, received 2PfG 2698/08.19 and VDE-AR-E 2510-50 certificates from TÜV Rheinland, a Germany-based testing and certification service provider.

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 energy storage system products list?

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

Which energy storage systems are safe and high-quality?

Consequently, these standards ensure that only safe and high-quality energy storage systems are permitted to enter the market. The LUNA2000 series (LUNA2000-15-S0, LUNA2000-10-S0, LUNA2000-5-S0), designed to be a modular system, focuses on the functional safety of its electrical, battery, performance, BMS, EMS, and thermal management components.



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White Paper Ensuring the Safety of Energy Storage Systems

Introduction Energy storage systems (ESS) are essential elements in global eforts to increase the availability and reliability of alternative energy sources and to reduce our reliance on energy ...

<u>Huawei's ESS Platform Becomes the First to</u> Achieve the World's ...

In response, TÜV Rheinland has built upon existing standards and further refined safety definitions to develop a comprehensive safety classification for energy storage tailored ...



## Active Safety and Grid Forming, Accelerating PV+ESS as the ...

Huawei Digital Power converges bit, watt, heat and battery technologies, focuses on core technologies and products, continuously innovates in fields such as clean power generation, ...



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