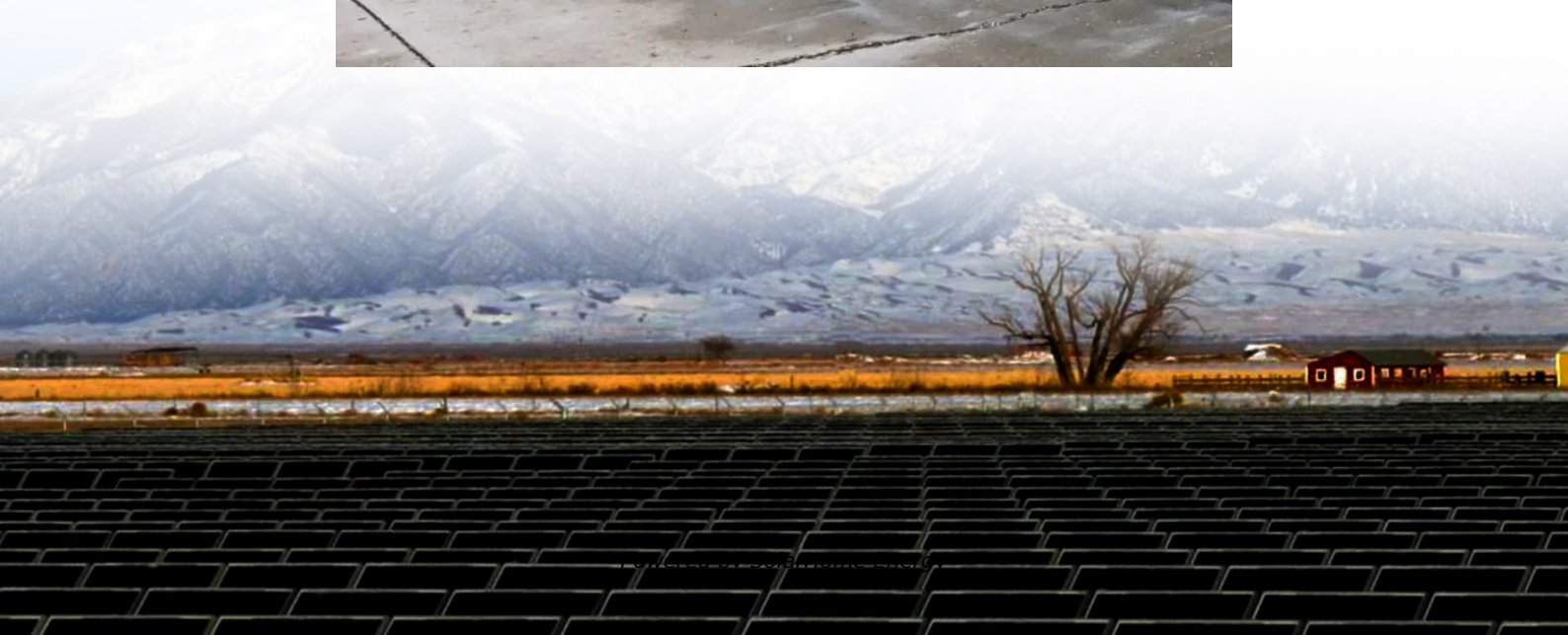


Huawei Energy Storage Product Communication Module





Overview

What are Huawei energy storage technologies?

Huawei's energy storage technologies extend battery life, ensure safe operation and simplify maintenance and servicing (O&M) through precise management of battery cells, packs and racks, accurate control of charging and discharging, and innovative Smart String ESS technology.

How does Huawei smart string ESS work?

Battery pack failures are detected in real time and data is transmitted to the Huawei SmartPV Management System, which issues effective warnings in the event of problems in the ESS. Within the Smart String ESS, faulty packs and racks are isolated and disconnected, and the entire system can be safely shut down if thermal runaway is detected.

What is energy storage system products list?

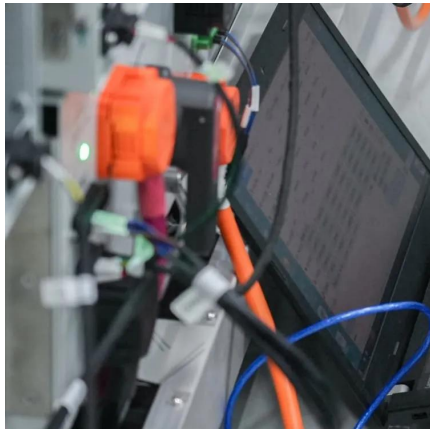
Energy Storage System Products List covers all Smart String ESS products, including LUNA2000, STS-6000K, JUPITER-9000K, Management System and other accessories product series.

Are power modules and battery modules separately ordered?

*10 The power module and battery modules of the storage system are separately ordered in the required quantity. Disclaimer: The preceding values are measured by an internal laboratory of Huawei in a specific environment. The actual values may vary with products, software versions, usage conditions, and environmental factors.



Huawei Energy Storage Product Communication Module

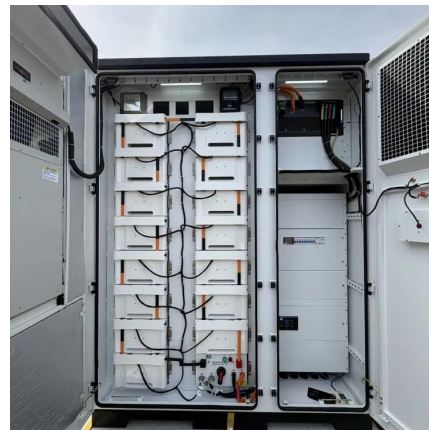


Battery Module

The built-in BMU manages battery balance, measures common data such as battery voltage and temperature, generates alarms, and implements CAN communication between battery modules.

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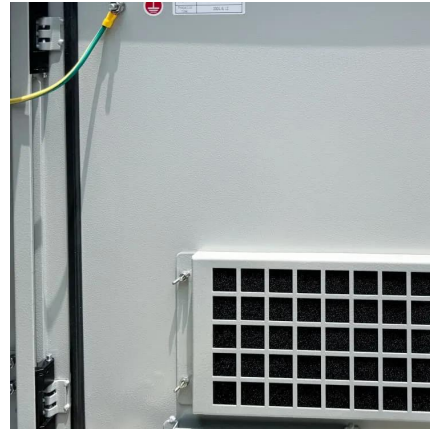
This document describes the BoostLi series lithium-ion energy storage module ESM-48100B1 (ESM for short) in terms of its overview, application scenarios, external ports,

[LUNA2000-7/14/21-S1 Specs , HUAWEI Smart PV ...](#)

Learn more about the detailed model, parameter configuration, compatibility, environment, and



product description of the LUNA2000-7/14/21-S1.



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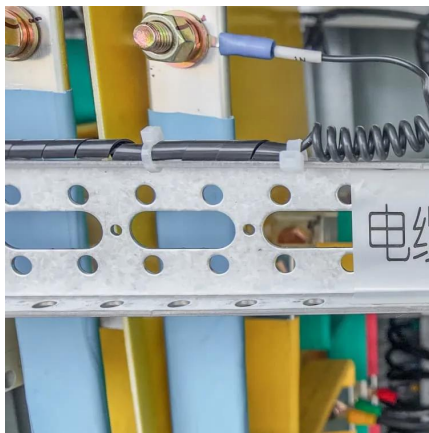
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SmartLi-ESM-24020P1 User Manual

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[LUNA2000-7/14/21-S1 Specs , HUAWEI Smart PV Global](#)

Learn more about the detailed model, parameter configuration, compatibility, environment, and product description of the LUNA2000-7/14/21-S1.



SMART STRING ENERGY STORAGE SYSTEM

*1 Test conditions: 100% depth of discharge (DoD), 0.2C rate charge & discharge at 25 °C, at the beginning of life. If no PV modules are installed or the system has not detected sunlight for at ...



Intelligent Electric Power , Smart Grid Solutions , Huawei Enterprise

The new power system is faced with 5 challenges, namely the green energy structure, flexible power grid regulation, interactive power consumption mode, energy-storage collaborative ...



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SmartLogger3000 User Manual

Intended Audience This document is intended for operating personnel and qualified electricians of photovoltaic (PV) and energy storage plants.

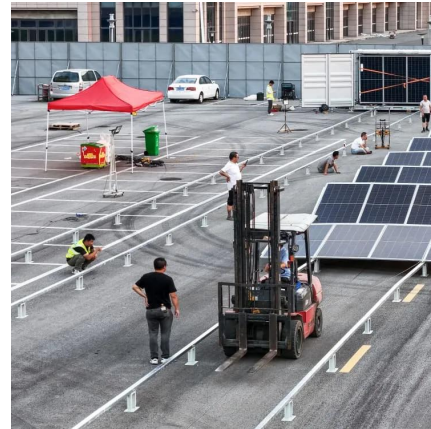


Huawei Uninterruptible Power Supply (UPS) Solution in ...

Huawei SmartLi is a Huawei-developed battery energy storage system solution that provides backup power for medium- and large-sized data centers and key power supply scenarios. A ...

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About Huawei Huawei is a leading global provider of information and communications technology (ICT) infrastructure and smart devices.



SKE Solar: Utility ESS

The ESS is a prefabricated all-in-one energy storage system with a modular structure, integrated power supply and distribution cabling, monitoring ...



Intelligent Lithium Energy Storage System

Intelligent Lithium Energy Storage System
ESM-48150B1 Datasheet ESM-48150B1 is an energy storage module based on innovative Li-ion technology. It is especially ...



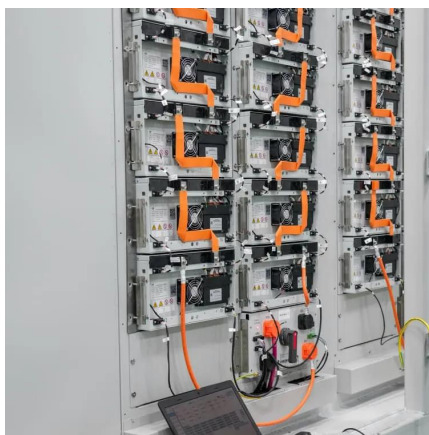
Energy Storage System Products List , HUAWEI Smart PV Global

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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Lithium Battery ESM-48100B1

Lithium batteries provide backup power. When the mains is normal, the UPS charges batteries. When the mains fails, lithium batteries supply power to the UPS. 100 A/100 A@35°C (The ...

SKE Solar: Utility ESS

The ESS is a prefabricated all-in-one energy storage system with a modular structure, integrated power supply and distribution cabling, monitoring functions, environmental sensors and fire ...



SMART STRING ENERGY STORAGE SYSTEM

The launch time of the FE communication version is to be determined. Please confirm with your local product manager of Huawei for information about the final version.



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LUNA2000-S1 User Manual

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