



# Huawei Energy Storage Smart Power Module



## Overview

The Huawei LUNA2000-10KW-C1 Power Module is a core component of the Huawei Smart String Energy Storage System, designed to deliver scalable, safe, and high-performance energy storage for both residential and small commercial photovoltaic applications. Energy Storage System Products List covers all Smart String ESS products, including LUNA2000, STS-6000K, JUPITER-9000K, Management System and other accessories product series. Combined with LUNA2000 battery modules, it. The Huawei LUNA2000 battery is a Lithium Iron Phosphate (LiFePO<sub>4</sub>) storage solution consisting of a power control module and battery expansion modules. It can store and release electric energy based on the requirements of the inverter management system and is of modular design, the basic Battery. Huawei FusionSolar's Grid-Forming ESS solution launched in the past has already been deployed at the Red Sea destination in the Middle East, which combined 400MW of PV capacity of 1.3GWh of energy storage systems (ESS), making it the world's largest 100% renewable PV-plus-ESS microgrid. 2C rate charge & discharge at 25°C, at the beginning of service life. It orchestrates battery management, power monitoring and.

## Article Content

### Huawei LUNA2000-5KW-C0 power module

The compact 12 kg power module has IP66 protection, can be installed outdoors or indoors, and ensures fast, stable, and efficient energy storage for residential PV ...

### Huawei sets out vision for smart solar and energy storage in 2026

Huawei has unveiled its “Top 10 Trends of Smart PV & ESS 2026”, setting out how solar power, wind energy and battery storage could evolve to become the backbone of future electricity ...

### 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.

### Huawei Luna Smart String Energy Storage System

It can store and release electric energy based on the requirements of the inverter management system and is of modular design, the basic Battery Module being rated at 5kWhrs.

### SMART ENERGY CONTROLLER

For details on the timetable of compatibility with SUN2000-8/10K-LC0 and SUN2000-2/3/3.68/4/4.6/5/6KTL-L1, please confirm with your local product manager of Huawei for final version. ...

### Entering the Smart String Grid Forming ESS Era with ...

Huawei FusionSolar's Grid-Forming ESS solution launched in the past has already been deployed at the Red Sea destination in the Middle East, which ...

### Huawei LUNA2000-10KW-C1 Power Module

The Huawei LUNA2000-10KW-C1 Power Module is a core component of the Huawei Smart String Energy Storage System, designed to deliver scalable, safe, and high-performance energy storage for ...

### Huawei Power Module LUNA2000-5KW-C0 | Solar ...

The Huawei LUNA2000-5KW-C0 is a compact DC/DC power module and battery management system (BMS) designed as the central control unit for the ...

### SMART STRING ENERGY STORAGE SYSTEM

\*7 The data is from Huawei lab, and the test condition is 1m distance and typical working voltage. \*8 Only inverter MB0 supports 4 energy storage systems in parallel operation. Disclaimer: The ...

## Smart String Energy Storage System

Storage system is ordered and delivered in the form of power module and battery module separately with corresponding quantity.

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://proton-engineering.eu>

Email: [info@proton-engineering.eu](mailto:info@proton-engineering.eu)

Phone: +1 832 471 8952

Address: 12345 Lake City Way, Suite 200, Houston, TX 77001, USA

This document is for informational purposes only. Specifications subject to change without notice.

