

Huawei LUNA2000-10kW-C1 Power Module

Product code: ME.BMS.Huwei.10kW-C1



The Huawei LUNA2000-10KW-C1 Power Module is essential for the operation of the LUNA2000-7-S1 Battery Module, ensuring reliability and efficiency in the energy storage system. With advanced energy management features, this module optimizes performance and extends the lifespan of the entire energy storage solution.

Product variants

Index	Price
Huawei LUNA2000-10kW-C1 Power Module ME.BMS.Huwei.10kW-C1	Product prices only visible after login. If you do not have an account, please register.

Product description

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Key features of the Huawei LUNA2000-10KW-C1 Power Module include:

Advanced Battery Management: The LUNA2000-10KW-C1 Power Module plays a crucial role in intelligent energy management, optimizing the operation of connected battery modules for maximum efficiency.

High Compatibility: It is compatible with a wide range of Huawei inverters, such as SUN2000-2/3/3.68/4/4.6/5/6KTL-L1, SUN2000-8/10K-LC0, SUN2000-3/4/5/6/8/10KTL-M1, and SUN2000-12/15/17/20/25K-MB0. This extensive compatibility allows for seamless integration with existing solar energy systems.

Enhanced Energy Management: Intelligent control and monitoring ensure smooth operation and maximum efficiency of the entire system.

Technical Specifications of Huawei LUNA2000-10KW-C1 Power Module:

Energy Storage Control Unit: LUNA2000-10KW-C1

Number of Energy Storage Control Units: 1

Energy Storage Module: LUNA2000-7-E1

Energy Capacity of Energy Storage Module: 6.9 kWh

Number of Energy Storage Modules: 1, 2, 3

Available Energy of Energy Storage Module: 6.9 kWh, 13.8 kWh, 20.7 kWh

Maximum Output Power: 3.5 kW, 7 kW, 10.5 kW

Rated Voltage (Single-phase system): 450 V

Operating Voltage Range (Single-phase system): 350-560 V

Rated Voltage (Three-phase system): 600 V

Operating Voltage Range (Three-phase system): 600-980 V

Communications: LED Display

Communications: RS485/CAN/FE

Dimensions of Energy Storage Control Unit (W x H x D): 590 mm x 150 mm x 255 mm

Weight of Energy Storage Control Unit: 10 kg

Operating Temperature: -20°C to +55°C

Maximum Operating Altitude: 4000 m (derated above 2000 m altitude)

Operating Humidity: 5%-95%

Cooling Mode: Natural Convection

Ingress Protection (IP) Rating: IP66

Cells: LiFePO4