



BUHLE POWER

# Huawei solar container battery pack capacity specifications





## Overview

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How does the Huawei Luna battery pack work?

This technology allows optimization of the energy level of the battery pack. Huawei Luna consists of the Power Module, the electronic component and 5 kWh battery packs. The modular design allows to expand the storage capacity from 5 KWh up to 15 KWh with the possibility of stacking up to 3 battery packs (of 5 kWh each) for each system.

What is the storage system made by Huawei Luna 2000?

The storage system made by Huawei LUNA 2000 is available. The system can be modulated with lithium batteries from 5KWh to 15KWh. High-voltage lithium iron phosphate (LFP) batteries have a very stable and resistant chemical structure. This technology allows optimization of the energy level of the battery pack.

How much power does a Huawei luna2000-2.0mwh-2h1 have?

The Huawei LUNA2000-2.0MWH-2H1 is a turnkey, containerised energy storage system with ≈2,032 kWh (2.03 MWh) nominal capacity and a continuous rated power of 1,016 kW (≈1.016 MW) — designed for long-duration (2 h) applications, grid support and commercial/utility installations.

What is the capacity of a battery module?

Note a: The initial capacity (design capacity) of the battery modules is 5 kWh. The actual capacity may vary depending on the environment conditions, such as temperature, transportation conditions, and storage conditions.



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### [Huawei Luna the storage system](#)

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### [Huawei LUNA2000-10-S0 battery storage 10 kWh](#)

Huawei LUNA2000-10-S0 battery storage 10 kWh  
The Huawei LUNA2000 is a modular system and consists of one or more LUNA2000 battery modules. The system can be expanded at a ...



### [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.

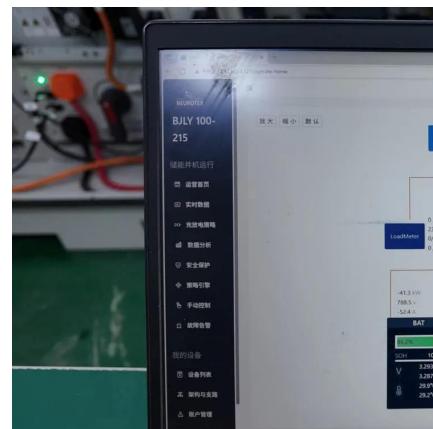
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### [LUNA2000-200KWH-2H1 Smart String ESS](#)

Mar 10, 2023 · More Energy Simple O& M Safe & Reliable Energy Storage System Parameters Battery Configuration 12S1P Maximum battery capacity of the energy storage system Rated ...



### [Huawei LUNA2000-2.0MWH-2H1](#)

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### [Huawei LUNA2000-5-15-S0 Battery Data Sheet](#)

May 15, 2000 · Ordering and Deliverable Part Product ordering model 5 LUNA2000-5KW-C0, LUNA2000-5-E0, LUNA2000 Wall Mounting Bracket



## [How to Choose the Best Solar Battery Huawei for Home ...](#)

Dec 8, 2025 · Learn how to select the right solar battery Huawei system by evaluating capacity, compatibility, safety, and value. Expert buying guide with key specs and FAQs.



## [Huawei , LUNA2000-2.0MWH Series , Solar Storage System ...](#)

Huawei Technologies Co., Ltd. Solar Storage System Series LUNA2000-2.0MWH Series. Detailed profile including pictures and manufacturer PDF



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