

# Huawei battery energy storage control solution

12.8V6Ah



Nominal voltage (V):12.8  
Nominal capacity (ah):6  
Rated energy (WH):76.8  
Maximum charging voltage (V):14.6  
Maximum charging current (a):6  
Floating charge voltage (V):13.6~13.8  
Maximum continuous discharge current (a):10  
Maximum peak discharge current @10 seconds (a):20  
Maximum load power (W):100  
Discharge cut-off voltage (V):10.8  
Charging temperature (°C):0~+50  
Discharge temperature (°C): -20~+60  
Working humidity: <95% R.H (non condensing)  
Number of cycles (25 °C, 0.5c, 100%doD): >2000  
Cell combination mode: 32700-4s1p  
Terminal specification: T2 (6.3mm)  
Protection grade: IP65  
Overall dimension (mm):90\*70\*107mm  
Reference weight (kg):0.7  
Certification: un38.3/msds



## Overview

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Huawei CloudLi Smart Lithium Battery integrates advanced power electronics, IoT, and cloud technologies, offering intelligent energy storage solutions with real-time monitoring and management for optimized power use. Energy Storage System Products List covers all Smart String ESS products, including LUNA2000, STS-6000K, JUPITER-9000K, Management System and other accessories product series. This guide examines technical innovations, real-world applications, and emerging market trends shaping global energy storage solutions. Why Energy Storage Matters in Modern. As renewable energy adoption accelerates globally, one critical question emerges: How can we store solar and wind power effectively when the sun isn't shining and the wind isn't blowing?

This is where Huawei BESS (Battery Energy Storage System) becomes a game-changer. Designed for commercial and. Huawei's battery energy storage technology excels in efficiency, scalability, and sustainability, offering a comprehensive solution for renewable energy integration.

## Huawei battery energy storage control solution

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### [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 BESS: Revolutionizing Energy Storage for a Sustainable Future](#)

This is where Huawei BESS (Battery Energy Storage System) becomes a game-changer. Designed for commercial and utility-scale applications, this innovative solution addresses the core pain points of ...



### [Huawei Energy Storage Technology Solutions: Powering the Future of](#)

Summary: Explore how Huawei's energy storage systems revolutionize renewable energy integration across industries. This guide examines technical innovations, real-world applications, and emerging ...



### [How is Huawei's battery energy storage technology?](#)

Huawei's battery energy storage technology excels in efficiency, scalability, and sustainability, offering a comprehensive solution for renewable energy integration.



### [CloudLi , Intelligent Lithium Battery Solution](#)

Huawei CloudLi Smart Lithium Battery integrates advanced power electronics, IoT, and cloud technologies, offering intelligent energy storage solutions with real-time monitoring and management ...



### [Huawei Photovoltaic Energy Storage System: Powering the Future ...](#)

Summary: Explore how Huawei's lithium battery-based photovoltaic energy storage systems are reshaping renewable energy solutions across industries. This article dives into technical advantages, ...

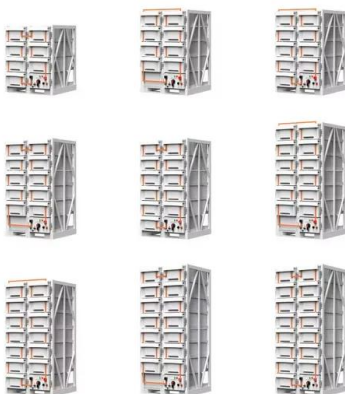
50KW modular power converter



- Flexible Configuration**
  - Modular Design, Supporting on Rack/In
  - Small/Slight, Wall Mounted
  - Installed in Parallel for Expansion
- Powerful Function**
  - Support PV/ESS
  - Grid Support, Equipped with SVG Technology
  - On-Grid and Off-Grid Operation
- Reliable Protection**
  - Cabinet IP54 Design
  - Sufficient Protection Functions Equipped

### [How is Huawei's energy storage battery system?](#)

The energy storage battery system from Huawei is engineered to facilitate energy conservation and consumption efficiency for its users, whether they are in residential sectors, ...



### [Energy Storage Solution \(ESS\) , HUAWEI Smart PV Global](#)

Each battery pack features an independent optimizer, maximizing its power output potential. The smart rack controller maintains a stable power supply and allows for flexible voltage regulation, bringing ...



### [Introducing BESS battery storage](#)

The HUAWEI Smart String ESS SOLUTION is equipped with an advanced monitoring and control system that allows you to monitor battery status, charge level and other key parameters in ...

### [The Ultimate Guide to Battery Energy Storage Systems \(BESS\) , HUAWEI](#)

The control software manages the efficiency and timing of the energy conversion and storage process. By leveraging this technology, we can reduce reliance on costly and ...

Test certification  
CE FC



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