

# 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-Rack
  - Small/Mid/Large, 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 ...



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