



5120Wh 10240Wh 11776Wh Solar Energy Storage With LFP Technology DWB Wall Mounted Battery

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: DS
- Certification: IEC62619/EN61000-6-1/ EN61000-3/RoHS/UN38.3
- Model Number: DS-DBW
- Minimum Order Quantity: 8 set
- Price: consult prices online
- Packaging Details: 704*494*270/984*595*278/610*550*300
- Payment Terms: T/T



Product Specification

- Cell Chemistry: All Models: LFP
- Cell Configuration: All Models: 16S1P
- Nominal Energy: 5120 Wh/10240 Wh/11776 Wh
- Nominal Voltage: All Models: 51.2 V
- Working Voltage Range: All Models: 43.2~57.6 VDC
- Max. Charge/Discharge Current: 100A/200A/120A
- Cycle Life: All Models: 6000 Cycles
- IP Rating: All Models: IP21
- Highlight: **5120Wh Solar Energy Storage,
10240Wh Solar Energy Storage,
11776Wh solar battery system**

Product Description

Safe and Energy Storage with Advanced LFP Technology DWB Wall-mounted Battery Series

Product Description

The DWB Wall-mounted Battery Series (5~12kWh/51.2V) is engineered to provide reliable and scalable energy storage for residential and commercial users who require a robust backup power solution. This series leverages advanced LFP (Lithium Iron Phosphate) cell technology, known for its superior safety, long cycle life, and stable performance under various operating conditions. Designed for ease of installation and maintenance, the sleek wall-mounted form factor is perfect for spaces where floor space is limited. The intelligent battery management system (BMS) ensures optimal performance by continuously monitoring and balancing the cells, which enhances longevity and efficiency. Additionally, this battery system supports remote monitoring and control, allowing users to track real-time performance and manage their energy usage from anywhere via smart devices.

Total 3 Model

Technical specifications			
Model	DDBGSG51100	DDBGSG51200	DDBGSG51230
Battery			
Cell Chemistry	LFP		
Cell Configuration	16S1P		
Nominal Energy (Wh)	5120	10240	11776
Nominal Capacity(Ah)	100	200	230
Nominal Voltage (V)	51.2		
Working Voltage Range (VDC)	43.2~57.6		
Max.Charge/Discharge Current (A)	100	200	120
BMS Communication	CAN2.0/RS485/RS232		

General Information			
Dimension[L*W*H](mm)	610*400*170	890*500*178	550*450*215
Packing Dimension [L*W*H](mm)	704*494*270	984*595*278	610*550*300
Weight (kg)	42	90	85
Packing Weight (kg)	48	100	95
Permissible Atitude(m)	<4000m(>2000m derating)		
Display Screen	LCD		
IP Rating	IP21		
Working Temperature (C)	-20~60		
Relative Humidity	0~95%,no condensation		
Cycle Life	6000 cycles		
Warranty	5 years		
Installation Type	Wall-mounted		
Certification	IEC62619/EN61000-6-1/EN61000-3/RoHS/UN38.3		

Application

The DWB Wall-mounted Battery Series is an excellent choice for homeowners and businesses seeking to enhance energy resilience and reduce dependency on the grid. Its high energy capacity range (5~12kWh) makes it versatile enough to handle various energy storage needs, from small residential setups to larger commercial installations. The advanced LFP technology provides peace of mind with its inherent safety features and long-term reliability, making it particularly suitable for environments where uninterrupted power is critical. Whether you're integrating it with solar systems or using it as a standalone backup, this battery series offers a reliable and intelligent solution for modern energy challenges.

Shipping Methods

Supports global air and sea shipping



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