



20kWh 30kWh Stackable Battery Series Flexible Scalable Lithium Battery Storage

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-DBHS
- Minimum Order Quantity: 6 set
- Price: consult prices online
- Packaging Details: 760*430*420/760*430*570/760*430*720/760*430*850
- Payment Terms: T/T



High-Voltage Stackable Battery
L0-30kWh High-Voltage 5-Year Warranty

Product Specification

- Battery Module Energy (kWh):
DDDDSG20550: 10.24
KWh/DDDDSG30750: 15.36
KWh/DDDDSG41050: 20.48
KWh/DDDDSG51250: 25.6
KWh/DDDDSG61450: 30.72 KWh
- Rated Voltage:
DDDDSG20550: 204.8 V/DDDDSG30750: 307.2 V/DDDDSG41050: 409.6 V/DDDDSG51250: 512 V/DDDDSG61450: 614.4 V
- Operating Voltage Range(V):
DDDDSG20550: 160 - 230.4 V/DDDDSG30750: 240 - 345.6 V/DDDDSG41050: 320 - 460.8 V/DDDDSG51250: 400 - 576 V/DDDDSG61450: 480 - 700.8 V
- Maximum Charge/Discharge Current (A):
All Models: 50 A
- Continuous Discharge Output (kW):
DDDDSG20550: 6 KW/DDDDSG30750: 9 KW/DDDDSG41050: 12 KW/DDDDSG51250: 15

Product Description

20kWh 30kWh The DB High-Voltage Stackable Battery Series Flexible and Scalable Lithium Battery Storage

High-Voltage Stackable Battery

10-30kWh | High-Voltage | 5-Year Warranty



Battery is safe and reliable

High-quality lithium batteries, intelligent battery management system, long lifespan, with a 5-year warranty.



Enjoy enduring power Long endurance time

stable power supply / Reduce frequent charging, Cost-effective / Quick installation, plug and play



Strong environmental adaptability

Operating temperature range from -20 to 60°C, stable and reliable.

Product Description

The DB High-Voltage Stackable Battery Series (10-30kWh) is designed for users who demand high-energy storage capacity with flexibility and scalability in mind. Built with advanced LFP (Lithium Iron Phosphate) cells, these batteries provide exceptional safety, long service life, and consistent performance under high voltage conditions. The stackable design allows for easy expansion, enabling users to increase their energy storage capacity as needed. Whether installed in a fixed location or used as a portable solution, this battery series ensures reliable power supply with a strong focus on environmental adaptability. The integrated intelligent battery management system (BMS) continuously monitors the battery health, optimizing performance and extending lifespan, making it an ideal choice for both residential and commercial high-voltage energy storage applications.

Total 5 Model

Model	DDDDSG20550	DDDDSG30750	DDDDSG41050	DDDDSG51250	DDDDSG61450
Battery					
BatteryCells	LFP				
BatteryModule					
Energy (kWh)	10.24	15.36	20.48	25.6	30.72
Number of Battery Modules	2	3	4	5	6
Rated Voltage (V)	204.8	307.2	409.6	512	614.4
Operating Voltage Range (V)	160-230.4V	240-345.6	320-460.8	400-576	480-700.8
Maximum Charge/Discharge Current(A)	50				
Continuous Discharge Output (kW)	6	9	12	15	20
Dimensions [W*T*H] (mm)	760*430*420	760*430*570	760*430*720	760*430*850	760*430*1000
Weight (kg)	120	165	210	255	300
BMS Communication	CAN2.0/RS485				

General information	
Display Screen	LCD
IP Protection Rating	IP21
Operating Temperature(°C)	-20~60

Relative Humidity	0%~95%,no condensation
Atitude	<4000m(>2000mderating)
Cyde Life	5000 cycles
Warranty	5 years
Installation Method	Fixed and Portable
Certification	IEC62619/EN61000-6-1/EN61000-3/RoHS/UN38.3

Application

The DB High-Voltage Stackable Battery Series is perfect for large-scale residential and commercial applications where high energy demands meet the need for flexibility and scalability. The stackable nature of these batteries allows for easy capacity expansion, making them ideal for growing energy needs. This series is especially suited for high-voltage systems, ensuring stable and reliable power output even in challenging environmental conditions. Whether you're upgrading an existing energy storage system or setting up a new high-voltage infrastructure, these batteries offer the versatility and reliability required for modern energy solutions.

Shipping Methods

Supports global air and sea shipping



RICHGOOD ENERGY CO.,LTD



willa@fuhaosolar.com



fuhaosolar.com

Rm3810 Baoli E Building Pa Zhou Haizhu district Guangzhou