



## 13kWh 15kWh DB Rack Mounted Battery Series Li Ion Storage For Industrial Environments

### 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-DBR
- Minimum Order Quantity: 8 set
- Price: consult prices online
- Packaging Details: 535\*535\*220/645\*545\*315/830\*550\*345
- Payment Terms: T/T



Rack-mounted Battery  
13kWh,15kWh High Capacity 5-Year Warranty

#### Product Specification

- Cell Chemistry: All Models: LFP
- Cell Configuration: DDTSG48100, DDTSG48200: 15S1P/DDTSG51200, DDTSG51300: 16S1P
- Nominal Energy: 4800 Wh/9600 Wh/5120 Wh/10240 Wh/15360 Wh
- Nominal Voltage: DDTSG48100, DDTSG48200: 48 V/DDTSG51100, DDTSG51200, DDTSG51300: 51.2 V
- Working Voltage Range: DDTSG48100, DDTSG48200: 40.5~54 VDC/DDTSG51100, DDTSG51200, DDTSG51300: 43.2~57.6 VDC
- Max. Charge/Discharge Current: All Models: 100 A - 200 A
- Cycle Life: All Models: 6000 Cycles
- IP Rating: All Models: IP21
- Highlight: **13kWh li ion storage, 15kWh li ion storage, Rack Mounted lithium battery energy**

## Product Description

13kWh 15kWh Compact and Powerful The DB Rack-mounted Battery Series for Industrial Environments

### Rack-mounted Battery

13kWh, 15kWh | High Capacity | 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



#### Vertical layout design

Rack-mounted installation, space-saving, and easy for installation and maintenance.

### Product Description

The DB Rack-mounted Battery Series (13kWh, 15kWh) is specifically engineered for high-density energy storage applications where space efficiency and scalability are paramount. Featuring advanced LFP (Lithium Iron Phosphate) technology, this battery series offers superior safety, longevity, and consistent performance. Designed for vertical integration, the rack-mounted layout maximizes space utilization, making it ideal for environments where floor space is at a premium. The intelligent battery management system (BMS) ensures optimal operation by monitoring and balancing the cells in real-time, thereby extending battery life and enhancing efficiency. This series is particularly well-suited for large-scale energy storage systems, data centers, and commercial or industrial setups that require reliable and scalable power solutions.

### Total 5 Model

Technical specifications					
Model	DDTSSG48100	DDTSSG48200	DDTSSG51100	DDTSSG51200	DDTSSG51300
Battery					
Cel Chemistry	LFP				
Cel Configuration	15S1P		16S1P		
Nominal Energy (Wh)	4800	9600	5120	10240	15360
Nomina Capacity(Ah)	100	200	100	200	300
Nominal Votage (V)	48		51.2		
Working Voltage Range (VDC)	40.5~54		43.2~57.6		
Max.Charge/Discharge Current (A)	100	200	100	200	200
BMS Communication	CAN2.0/RS485/RS232				

General Information					
Dimension[L*W*H] (mm)	440*450*134	530*442*221	440*450*134	530*442*221	720*440*235
Packing Dimension [L*W*H](mm)	535*535*220	645*545*315	535*535*220	645*545*315	830*550*345
Weight (kg)	45	80	45	80	120
Packing Weight (kg)	62	88	62	88	130

Quantity of series & parallel connectable units	16
Permissible Altitude(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	Rack mounted
Certification	IEC62619/EN61000-6-1/EN61000-3/RoHS/UN38.3

### Application

The DB Rack-mounted Battery Series is an excellent choice for businesses and facilities looking to enhance their energy storage capacity within a compact footprint. Its vertical design and rack-mounted installation make it perfect for integration into existing server rooms, data centers, and industrial environments where space-saving is crucial. With high energy capacities ranging from 13kWh to 15kWh, these batteries provide stable and reliable power, ideal for critical applications that demand continuous energy availability. Whether you're expanding your existing energy storage infrastructure or setting up a new system, this series offers the flexibility and reliability needed for demanding environments.

### Shipping Methods

Supports global air and sea shipping



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