



## DB Stackable All In One Lithium Energy Storage 13kWh 15kWh Portable Battery Series

### 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-DBAS
- Minimum Order Quantity: 6 set
- Price: consult prices online
- Packaging Details: Pack seperately, inverters and bases do not require hazardous packaging;hazardous packaging fo batteries; one battery package per cardboard box
- Payment Terms: T/T



Stackable All-in-one Portable  
13kWh,15kWh High Capacity 5-Year Warranty

#### Product Specification

- Cell Chemistry: All Models: LFP
- Nominal Energy (Wh): Ranges From 5120Wh To 20480Wh
- Nominal Voltage: All Models: 51.2 V
- Working Voltage Range (VDC): All Models: 44.8~58.4 VDC
- Max. Charge/Discharge Current (A): All Models: 100 A
- IP Rating: All Models: IP65
- Installation Type: Portable
- Cycle Life: All Models: 6000 Cycles
- Highlight: **Stackable lithium energy storage,  
lithium energy storage 13kWh,  
15kWh lithium ion battery energy storage**

## Product Description

### 13kWh 15kWh DB Stackable All-in-One Portable Battery Series The Perfect Fit for Your Energy Needs

### Stackable All-in-one Portable

13kWh, 15kWh | High Capacity | 5-Year Warranty



**Diversified energy storage capacity**  
From 5120Wh to 20480Wh, catering to different demand.



**High-efficiency energy conversion**  
Rated input/output apparent power of 5000VA, with a maximum output current of 21.7A.



**Flexible expansion capability**  
Easily adjust the energy storage capacity according to changing needs.

#### Product Description

The DB Stackable All-in-One Portable Battery Series (13kWh, 15kWh) is designed to offer a versatile and scalable energy storage solution that meets the diverse demands of modern energy needs. This series combines high energy storage capacity with portability, making it ideal for both residential and commercial applications that require flexible energy solutions. With a storage range from 5120Wh to 20480Wh, these batteries cater to various energy requirements, allowing users to easily expand their capacity as needed. The integrated design ensures efficient energy conversion, with a rated input/output apparent power of 5000VA and a maximum output current of 21.7A. Additionally, the stackable feature allows for easy expansion, making this series adaptable to changing energy needs over time.

#### Total 4 Model

Technical specifications				
mode	DDYTJKY5110 0-5k-W	DDYTJKY5120 0-5k-W	DDYTJKY5130 0-5k-W	DDYTJKY5140 0-5k-W
Battery				
Cell Chemistry	LFP			
Nominal Energy (Wh)	5120	10240	15360	20480
Nominal Capacity(Ah)	100	200	200	200
Nominal Voltage(V)	51.2			
Working VoltageRange (VDC)	44.8~58.4			
Max.Charge/Discharge Current (A)	100A			
BMS Communication	CAN2.0/RS485			
PVInput				
Max.PVInput Power (W)	7500			
Max.PVInput Voltage(V)	600			
MPPT Voltage Range(V)	100~550			
Start-up Voltage (V)	125			
Number of MPPTs	2			
Number of PV Strings per MPPT	1/1			
Max.PVInputCurrent(A)	20			
AC Input and Output (On-grid)				
Nominal Input/Output Apparaent Power (VA)	5000			
Nominal Input/Output Voltage (V)	230			
Nominal Grid Frequency(Hz)	50/60			
Max.Output Current(A)	21.7			
THD	<3%			
Power Factor	0.8 leading~0.8 lagging			
Switch time(ms)	10			
Grid Connection	Single Phase			

General Information				
Dimension [H*W*D](mm)	680*400*430	680*400*592	680*400*754	680*400*916
Packing	Pack separatelyinverters and bases do not require hazardous packaging: hazardous packaging for batteries,one battery package per cardboardbox.			
Weight (kg)	63			

Packing Weight (kg)	75
Permissible Altitude (m)	4000(>2000 derating)
Display Screen	LCD/LED
IP Rating	IP65
Working Temperature(°C)	-20~60
Relative Humidity	0~95%,no condensation
Cycle Life	6000 cycles
Warranty	5 years
Installation Type	Portable
Certification	IEC62619/EN61000-6-1/EN61000-3/RoHS/UN38.3

#### Application

The DB Stackable All-in-One Portable Battery Series is perfect for customers seeking a portable yet powerful energy storage solution that can grow with their energy demands. The stackable design is particularly suited for environments where space-saving is crucial, such as urban residences or mobile power setups. Whether for use in off-grid applications, as a backup power source, or in portable energy systems, this series offers the flexibility to adjust storage capacity according to current and future needs. Its robust construction and high IP65 rating make it suitable for outdoor and challenging environments, providing reliable energy storage in all conditions.

#### Shipping Methods

Supports global air and sea shipping



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