



15kWh 13kWh DB All In One Lithium Battery Storage For Permanent Temporary Installations

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-DBA
- Minimum Order Quantity: 6 set
- Price: consult prices online
- Packaging Details: 600*250*900/380*720*590
- Payment Terms: T/T



All-in-one Wall-mounted/Portable
13kWh,15kWh High Capacity 5-Year Warranty

Product Specification

- Cell Chemistry: All Models: LFP
- Nominal Energy (Wh): All Models: 5120 Wh
- 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: Wall-mounted And Portable
- Cycle Life: All Models: 6000 Cycles
- Highlight: **All In One Lithium Battery Storage,
13kWh Lithium Battery Storage,
15kWh lithium battery energy storage**

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Product Description

13kWh 15kWh DB All-in-One Lithium Battery Storage Ideal for Permanent and Temporary Installations

All-in-one_

Wall-mounted/Portable

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



All in one design
The inverter and battery are integrated into a single unit, simplifying the installation process and saving space.



High-efficiency energy conversion
High inverter efficiency reduces energy loss, providing more available electricity.



Strong environmental adaptability
Suitable for outdoor installation, capable of adapting to various environmental conditions.

Product Description

The DB All-in-One Wall-mounted/Portable Battery Series (13kWh, 15kWh) represents the next generation of energy storage solutions, combining the inverter and battery into a single, compact unit. This design simplifies the installation process, reduces the overall footprint, and provides a seamless integration for both residential and commercial energy systems. Built with advanced LFP (Lithium Iron Phosphate) technology, this series offers high efficiency in energy conversion, minimizing energy loss and ensuring maximum power availability. The dual installation options—wall-mounted or portable—offer flexibility for various use cases, from permanent installations to temporary setups. Additionally, the robust design is tailored for outdoor environments, capable of withstanding a wide range of environmental conditions while maintaining reliable performance.

Total 2 Model

Technical specifications		
mode	DDYTJBG51100-5k	DDYTJKY51100-5k
Battery		
Cell Chemistry	LFP	
Nominal Energy (Wh)	5120	
Nominal Capacity(Ah)	100	
Nominal Voltage (V)	51.2	
Working Voltage Range (VDC)	44.8~58.4	
Max.Charge/Discharge Current (A)	100A	
BMS Communication	CAN2.0/RS485	
PV Input		
Max.PVInput Power (W)	7500	
Max.PV Input Voltage(V)	600	
MPPTVoltage Range (V)	100~550	
Start-up Voltage (V)	125	
Number of MPPTs	2	
Number of PV Strings per MPPT	1/1	
Max.PVInput Current(A)	20	
AC Input and Output (On-grid)		
Nominal Input/Output Apparaent Power (VA)	5000	
Nominal Input/OutputVoltage (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)	500*156*834	320*660*499
Packing Dimension [H*W*D] (mm)	600*250*900	380*720*590
Weight (kg)	85	61

Packing Weight (kg)	90	63
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	Wall-mounted	Portable
Certification	IEC62619/EN61000-6-1/EN61000-3/RoHS/UN38.3	

Application

The DB All-in-One Wall-mounted/Portable Battery Series is ideal for customers looking for a streamlined, efficient energy storage solution that is easy to install and versatile in application. The combination of inverter and battery in a single unit makes it perfect for situations where space is limited, such as in urban residences, small businesses, or portable power setups for events. Its adaptability to both permanent and temporary installations offers unmatched flexibility, catering to users who need a reliable power source that can be easily moved or reconfigured as needed. Whether it's for home energy storage, backup power, or portable applications, this series provides a comprehensive solution with the added benefit of being environmentally resilient.

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