

SHENZHEN ELFBULB POWER

EBA-2



HOME BATTERY STORAGE

Features

- Integrated Design: Combines a 5.12 kWh battery with a 5 kW inverter, offering a seamless all-in-one solution.
- Space-saving Compact Design: With a slim body measuring only 150mm in thickness, it efficiently utilizes limited space.
- Easy Plug and Play Installation: Reduces installation and commissioning costs by eliminating complex setup processes.
- Intelligent Energy Management: Enables scheduled charging during times of low electricity tariff rates and discharging during peak tariff periods.
- User-Friendly Interface: Features an advanced touch screen interface for easy operation and monitoring.
- Scalable Capacity: Supports the expansion of both battery and inverter capacity, making it suitable for larger residential properties.
- WiFi monitoring: the system status can be monitored through App by WiFi

Model:

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Technical Parameters

Inverter Parameters	
INVERTER OUTPUT	
Rated Output Power	5000W
Maximum Peak Power	10000VA
Rated Output Voltage	230Vac(single phase)
Load-Carrying Motor Capacity	4HP
Rated Output Frequency	50Hz/60Hz
Photovoltaic Input	
MPPT Channels	1
Maximum Photovoltaic Input Power	5200W
Maximum Input Current	18A
Maximum Open Circuit Voltage of	500Vdc
Utility/Grid/Generator Input	
Input Voltage Range	170-280Vac
Frequency Range	50Hz/60Hz
Bypass Overload Current	40A

Battery Parameters		
Nominal Voltage	48V	51.2V
Norminal Capacity	100Ah	
Norminal Battery Energy	4.8KWh	5.12KWh
Charging/Discharging cut-off voltage	54.75V/37.5V	58.4V/40V
Max.Continuous Charging Current	100A(Recommend 50A)	
Max.continuous Discharge Current	100A	
Max C Rating	1C	
Communication	RS485/RS232/CAN	
Cycle Life	> 6000 cycles @80%DOD &1C	
Certification& Safety standard	CE/UN38.3/MSDS	

Product Parameters	
Size	860*555*150mm
Weight	65KG(Without bracket)