

# HOME ENERGY STORAGE BATTERY



5KWh

## Wall Mounted

- Integrated Design, Easy Installation
- Built-in BMS, Multiple Protections
- LFP Battery Cell, Safe and Reliable
- 6000+ Cycles, Ultra-Long Service Life
- Small Size, Space Saving
- 5Years Warranty



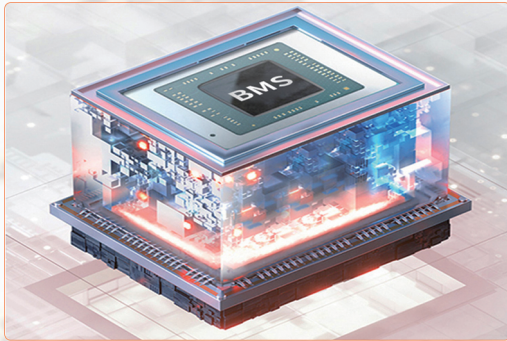
## PRODUCT PARAMETERS

Product Model	ESS-B100S16-F	Cell Type	Prismatic EVE
Cell Specifications	3.2V100Ah	Rated Capacity	100Ah
Rated Total Energy	5KWh	Rated Voltage	51.2V
Electrical Parameters			
Voltage Range	40~58.4V	Standard Charging Current	0.5C@Continuou
Maximum Charging Current	1C@Pulse	Standard Discharge Current	0.5C@Continuous
Structural Parameters			
Weight	41Kg	Dimensions (H*W*D)	550x360x163mm
Protection Level	IP54	Cooling Method	Natural cooling
Indicator Status	Alarm/Operation/SOC	Installation	Wall-mounted

If the product size and parameters are different from the product specifications, the actual delivery shall prevail.



## PRODUCT DETAILS



Intelligent  
AI detection



Automatic  
power-off protection



Over-temperature  
protection



Intelligent fire  
prevention

### BMS BATTERY MANAGEMENT SYSTEM

Each battery is equipped with an independent BMS battery energy management system. It can prevent problems such as high temperature, short circuit, overcurrent, over discharge, overvoltage, etc.



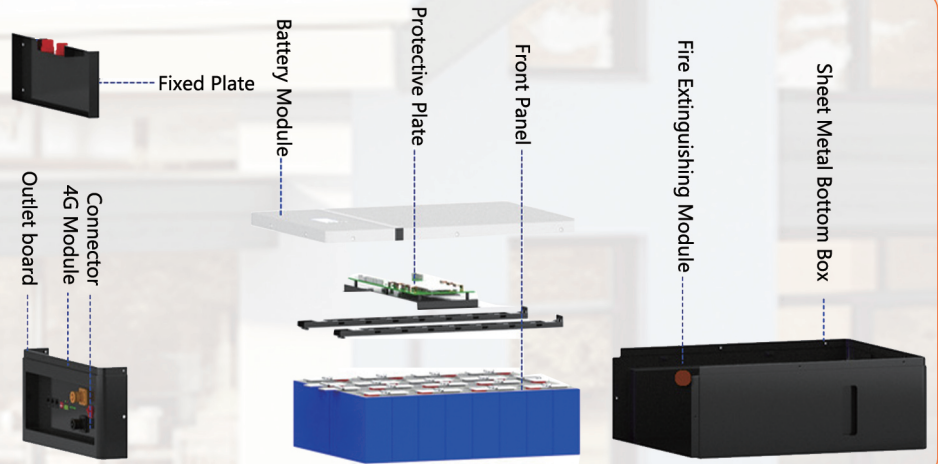
### CLASS A BATTERY LITHIUM IRON PHOSPHATE

Longer cycle life, 6000 cycles at 1C 100% DOD. Up to 20 times longer, and the cycle life is five times longer than that of lead acid.

Intelligent  
breathing lamp



Comprehensive interface



one-stop structure

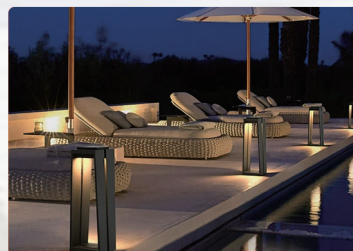
## PRODUCT APPLICATION

### INTELLIGENT WHOLE HOUSE POWER GUARANTEE

Support lighting/refrigerator/air conditioner/washing machine/elevator, monitoring water pump/car charging pile and other high-power equipment.



Refrigerator



Lighting



Air system



small home appliances