

5kw Wall Mounted Energy Battery



Features:

Battery Specifications

- 5kWh 51.2V 100Ah LiFePO₄ Battery Module
- Maximum Output: 5kW

Communication & Compatibility

- RS485/CANbus Available
- Compatible with Major Brand Inverters

Scalability

- Expandable up to 15 Modules in Parallel

Installation

- Easy to Install

Application:



Indoor

Technical Specifications:

Item	AP-ESS—5KWH-B1
BATTERY	
Cell Chemistry	LiFePO ₄
Battery Energy	5.12kWh
Battery Voltage	51.2V
Nominal Capacity	100Ah
Operating Voltage Range	44.8~57.6V
Maximum Output Power	5kW
Maximum Charging Current	100A
Maximum Continuous Discharge Current	100A
Cycle Life	6000 Cycles(DoD80%)
Dimensions (W * D * H)	440*182*600mm
Weight	54kg
Parallel Quantity	Maximum 15 Modules
Designed Life-span	10 years
Installation	Wall Mounted
Communication	RS485/CANbus/Ethernet/WiFi
Matching with Inverters	MEGAREVO/GOODWE/ GRWT/SAM/SUNGROW
Certification	UL1973, IEC62619, CE61000, UN38.3
Charging Temperature Range	0~50℃
-20~60℃	Discharge Temperature Range
Enclosure Protection	IP54
Humidity	≤85%
Altitude	≤2000m
Application	Indoor
Inverter Choosing	On/Off Grid Single/3 Phases Inverter
Heat Management	Air Cooling