



Features

- Smart BMS for charge / discharge protection;
- LCD screen for real-time battery status;
- CAN, RS485 and RS232 inverter communication;
- 5.12 kWh compact capacity for home backup;
- Floor stand or wall mount installation.

OEM/ODM



Energy Storage Solution



Wall-Mounted LiFePO4 Battery 100Ah

Technical Parameters

Model	AS-512100
Nominal Voltage	51.2 Vdc
Nominal Capacity	100 Ah
Battery Energy	5.12 kWh
Working Voltage	45.6~56.16 Vdc
Charge Current	50 A
Charge Power	2560 W
Discharge Current	100 A
Discharge Power	5120 W
Short Circuit Current	350 A
Display	LCD Display
Communication	CAN, RS485, RS232
Dimension (W x D x H mm)	440 x 138 x 600 mm
Weight (Kg)	47.3 kg
Installation	Floor Stand or Wall Mount
Working Temperature	Charge: 0~45°C / Discharge: -20~55°C
Operating/Storage Humidity	≤95%RH
Max Operating Altitude	≤2000m
IP Rating	IP20
Cell Technology	LiFePO4, Lithium Iron Phosphate
Cycle life	6000 Cycles @ 90% DOD/25°C/0.5C
Scalability	Max 15 batteries in parallel
Warranty	5 years
Certificates	UN38.3, MSDS

Note: Specifications are subject to change without prior notice.
Special voltage and power requirements can be customized according to user needs.