

LiFePO4 BATTERY

51.2V 200Ah 10.24kWh

AMPSTAR



10.24 kWh
Storage



Smart BMS
Protection



LCD Real-Time
Status



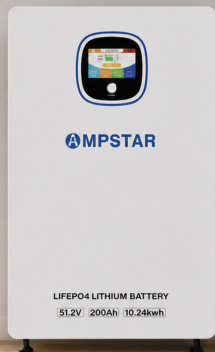
CAN / RS485 /
RS232



Floor Stand
Install



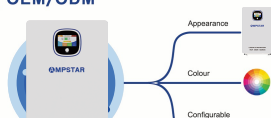
Wall Mount
Install



Features

- 10.24 kWh medium-capacity home energy storage;
- Smart BMS supports safer charge and discharge;
- LCD screen shows operating status in real time;
- CAN, RS485 and RS232 communication interfaces;
- Floor stand or wall mount installation.

OEM/ODM



Energy Storage Solution



Floor-Standing LiFePO4 Battery 200Ah

AMPSTAR

Technical Parameters

Model	AS-512200
Nominal Voltage	51.2 Vdc
Nominal Capacity	200 Ah
Battery Energy	10.24 kWh
Working Voltage	45.6~56.16 Vdc
Maximum Charge Current	100 A
Maximum Discharge Current	170 A
Maximum Charge Power	5120 W
Max Discharge Power	8704 W
Short circuit current	≈300 A
Display	LCD Display
Communication	CAN, RS485, RS232
Dimension (W x D x H mm)	450 x 230 x 680 mm
Weight (Kg)	83.5 kg
Installation	Floor Stand or Wall Mount
Working Temperature	Charge: 0~45°C / Discharge: -20~55°C
Storage Temperature	≤25°C, 12 months; ≤35°C, 6 months; ≤45°C, 3 months
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
Warranty	5 years
Scalability	Max 63 batteries in parallel
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.