

AMENSOLAR

AM12000 LifePo4 Battery



- 51.2V / 11.78KWh
- Cycle Life >6000 times
- Being paralleled 16 sets
- Stack Mounted

REPT

REPT Cell

high-end technology
High Safety



LFP Prismatic Cell

current interrupt Device (CID) helps pressure relief and ensures safe and detect controllable aluminum shells is welded to ensure sealing



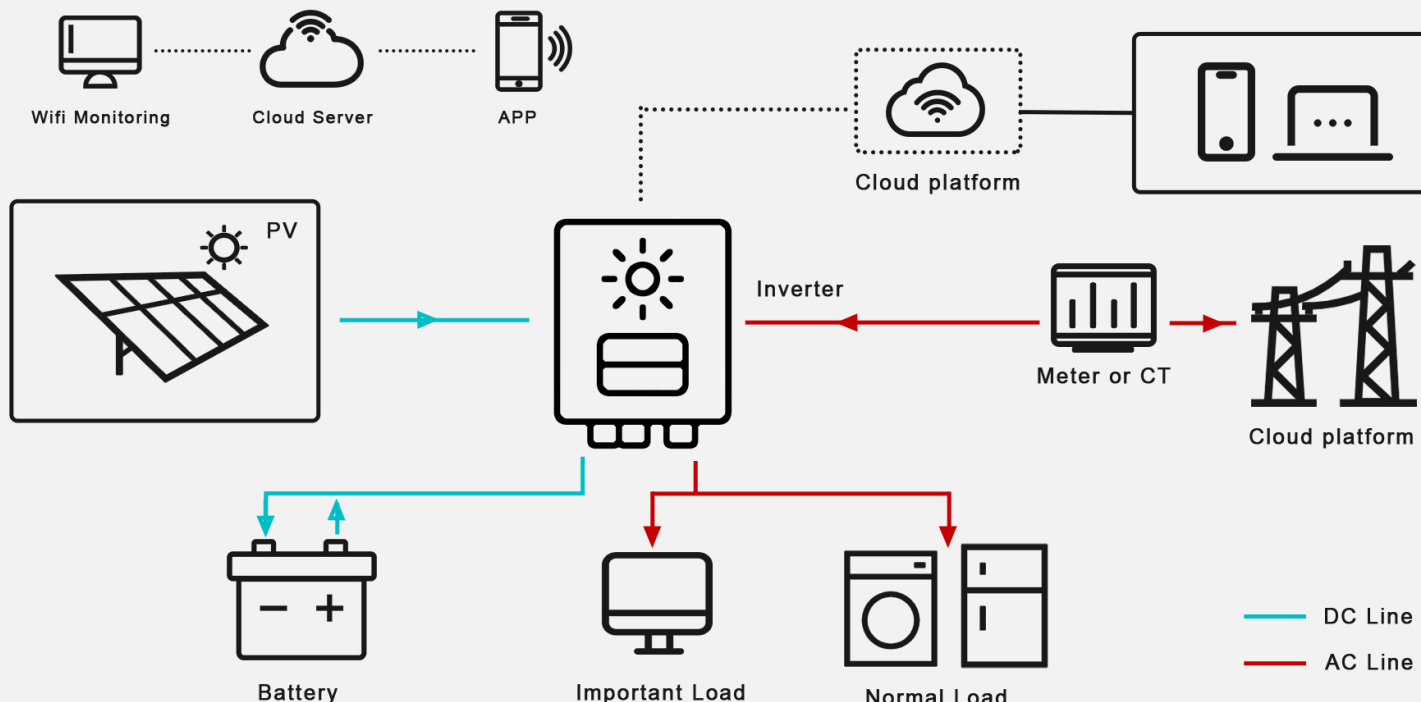
51.2V low-voltage

support 16 sets parallel connection



BMS

Real-time control and accurate monitor in single cell voltage , current and temperature, ensure battery safety



Item	AM12000
Battery Type	LifePo4
Mount Type	Stack Mounted
Nominal Voltage (V)	51.2
Capacity(Ah)	230
Nominal Energy (KWh)	11.78
Operating Voltage(V)	43.2~57.6
Max Charge Current(A)	100
charging Current(A)	100
Max Discharge Current(A)	100
discharging current(A)	100
charging Temperature	0°C~+55°C
Discharging Temperature	- 10°C -55°C
Relative Humidity	5% - 95%
Dimension(L*W*H mm)	532*443*255
Weight(KG)	85.2
Communication	CAN, RS485
Enclosure Protection Rating	IP53
Cooling Type	Natural Cooling
Cycles Life	≥6000
Recommend DOD	90%
Design Life	20+ Years (25°C @77°F)
Safety Standard	CE/IEC62619/UN38.3
Max. Pieces of Parallel	16