

# AMENSOLAR

## A5120 LifePo4 Battery



- 51.2V/5.12KWh
- Being paralleled 16 sets
- Thickness: 2U Rack Mounted
- UL1973 certificate



### Easy to be installed

easy maintenance  
flexibility and versatility



### LFP Prismatic Cell

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



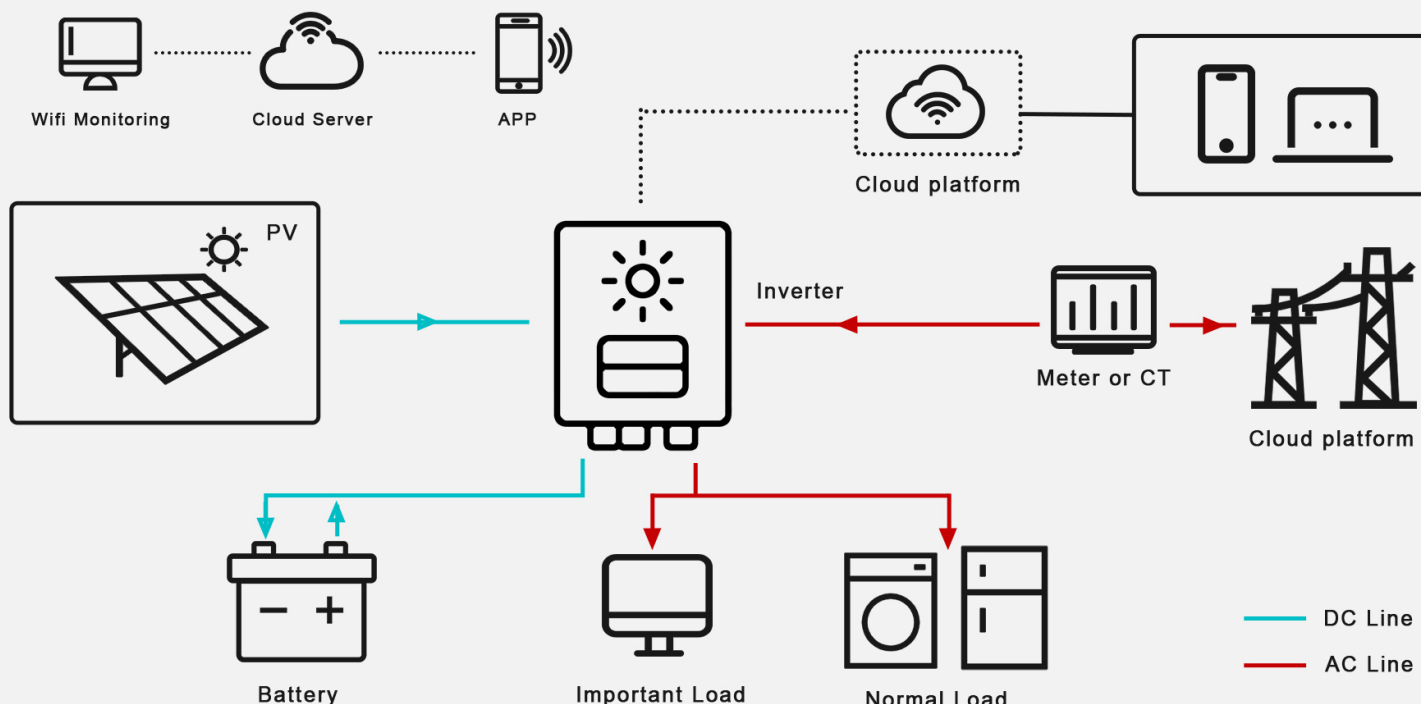
### 51.2V low-voltage

support 16 sets parallel connection



### BMS

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



Battery Name	A5120
Certificate Model	YNJB16S100KX - L
Battery Type	LiFePo4
Mount Type	Rack Mounted
Nominal Voltage (V)	51.2
Capacity(Ah)	100
Nominal Energy (KWh)	5.12
Operating Voltage(V)	44.8~57.6
Max Charge Current(A)	100
charging Current(A)	50
Max Discharge Current(A)	100
discharging current(A)	50
charging Temperature	0C~+55C
Discharging Temperature	-20C~+55C
Relative Humidity	5% - 95%
Dimension(L*W*H mm)	496*600*88
Weight(KG)	43±0.5
Communication	CAN, RS485
Enclosure Protection Rating	IP21
Cooling Type	Natural Cooling
Cycles Life	≥6000
Recommend DOD	90%
Design Life	20+ Years (25°C @77°F)
Safety Standard	UL1973/CE/IEC62619/UN38.3
Max. Pieces of Parallel	16