

AMPLENESS

S5285 LifePo4 Battery



- Powered by CATL cells
- Being paralleled 16 sets
- Advanced BMS multiple protection

CATL

CATL 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



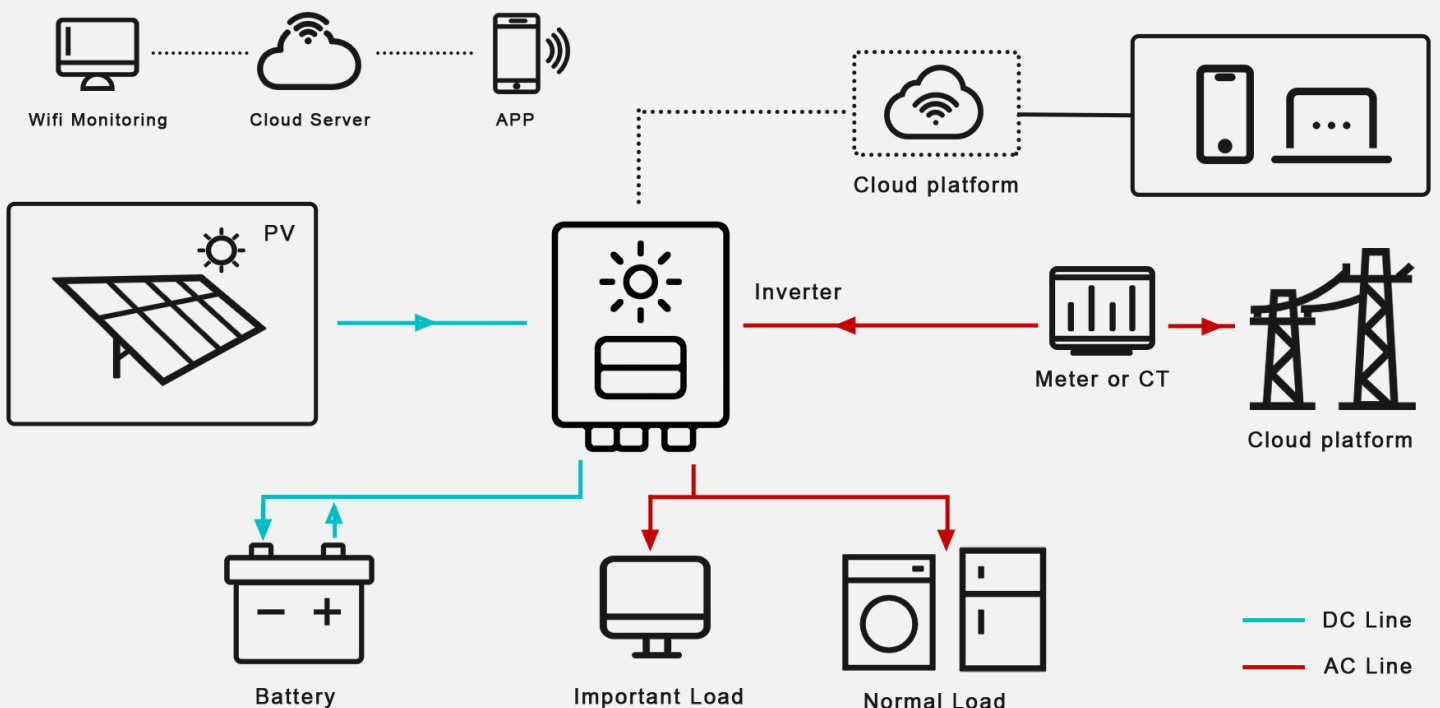
51.2V low-voltage

support 16 sets parallel connection



BMS

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



Item	S5285
Battery Type	LifePo4
Mount Type	Rack Mounted
Nominal Voltage (V)	51.2
Capacity(Ah)	85
Nominal Energy (KWh)	4.35
Operating Voltage(V)	44.8~58.4
Max Charge Current(A)	100
charging Current(A)	85
Max Discharge Current(A)	100
discharging current(A)	85
charging Temperature	0°C~+55°C
Discharging Temperature	- 10°C-55°C
Relative Humidity	5% - 95%
Dimension(L*W*H mm)	523*446*312±2mm
Weight(KG)	65±2
Communication	CAN, RS485
Enclosure Protection Rating	IP52
Cooling Type	Natural Cooling
Cycles Life	≥6000
Recommend DOD	90%
Design Life	20+Years (25°C @77 °F)
Safety Standard	CE/UN38.3
Max. Pieces of Parallel	16