

LITHIUM BATTERY

Cabinet/Rack-mount Lithium ion battery



- Standard rack design with 4U, Free combination, Easy for installation
- Communication: RS485/RS232/CAN Optional WiFi/4G/Bluetooth
- Customization of voltage, Capacity and dimension
- OEM/ODM Service
- CE/FCC/ROHS/UN38.3/MSDS

Product Description

The Cabinet/rack-mount lithium ion battery is made by our own R&D team. It is with high quality LFP battery cells, and the software and hardware inside are protected by many ways. The design is very nice and the life span is very long. It adopts comprehensive and multi-stage protection for the battery cells and also it uses many isolation measures to make sure the battery is no fault. It works with solar inverter commonly and can create safe and efficient energy for home and industry.

Parameter

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Model	C4850		C48100		C48200	
Specifications	48V50Ah	51.2V50Ah	48V100Ah	51.2V100Ah	48V200Ah	51.2V200Ah
Battery configuration	15S1P	16S1P	15S1P	16S1P	15S1P	16S1P
Battery capacity	2.4KWh	2.56KWh	4.8KWh	5.12KWh	9.6KWh	10.24KWh
Rated discharging current	50A	50A	50A	50A	50A	50A
Max discharging current	100A	100A	100A	100A	100A	100A
Working voltage range	40.5-54VDC	43.2-57.6VDC	40.5-54VDC	43.2-57.6VDC	40.5-54VDC	43.2-57.6VDC
Standard voltage	48VDC	51.2VDC	48VDC	51.2VDC	48VDC	51.2VDC
Max charging current	50A	50A	50A	50A	100A	100A
Max charging voltage	54V	57.6V	54V	57.6V	54V	57.6V
Suggested dod model	80%					
Humidity	65±20%RH					
Installation	Rack/Cabinet installation					
IP rating	IP20					
Max in parallel	15PCS					
Warranty	6 Years					
Communication	Default: RS485/RS232/CAN Optional WiFi/4G/Bluetooth					
Product size	440*495*88mm		440*495*178mm		440*590*178mm	
Packing size	555*500*130mm		555*500*235mm		480*650*220mm	
Net weight	25kg	37kg	41kg	45kg	101kg	105kg
Gross weight	30kg	42kg	49kg	55kg	111kg	115kg



Low voltage protection



Over voltage protection



Over current protection



Over temperature protection



Overload protection



Over discharging protection



Short circuit protection