

# Rack LFP Energy Storage Battery

48V/51.2V 100Ah/200Ah/300Ah



battery BMS supports simultaneous communication and docking with multiple inverter brands

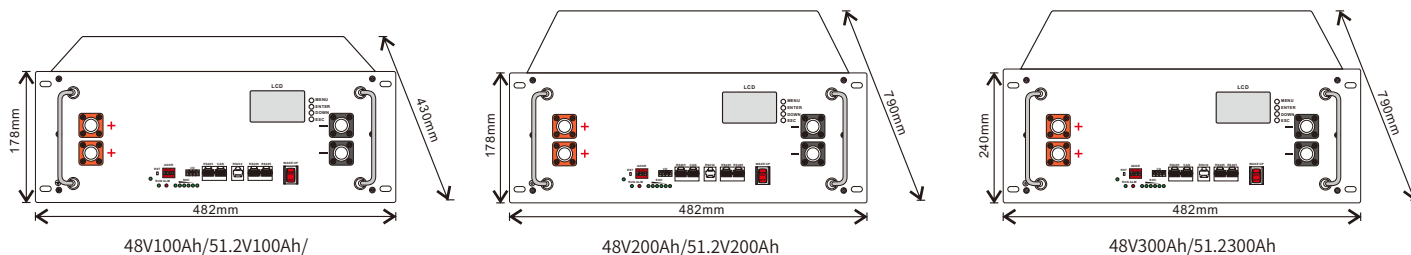


## Features

- ※ LiFePo4 cell class A
- ※ Support 15pcs In Parallel
- ※ Rack Design
- ※ Compatible With Multiple Inverter Brands
- ※ Touch Screen Is Optiona
- ※ 100A/200A BMS for charge/discharge
- ※ 6000 Cycle Times@dod80%
- ※ BT&WIFI/touch LCD screen is optional
- ※ LCD Display

# Product instructions

## Drawing



## Parameters

Model	48100	48200	48300	51.2100	51.2200	51.2300
Standard Voltage	48V	48V	48V	51.2V	51.2V	51.2V
Standard Capacity	100Ah	200Ah	300Ah	100Ah	200Ah	300Ah
Standard Energy	4.8kWh	9.6kWh	14.4kWh	5.12kWh	10.24kWh	15.36kWh
Working Voltage	40.5-54V			43.2-57.6V		
Standard Charge Current	50A	100A	100A	50A	100A	100A
Standard Discharge Current	100A	100A	200A	100A	100A	200A
Suggested DOD	80%					
Cycle Life	>6000 cycles					
IP Rating	Ip21					
Operating temperature for discharge	-20°C~60°C					
Operating temperature for charge	0°C~45°C					
Max Parallel	15pcs					
Communication	RS232/CAN/RS485(WIFI/BT optional)					
Display	LCD Display (touch screen optional)					
Warranty	5 years					
Certificate	UN38.3/MSDS/CE/ROHS/FCC					
N.W./unit(kg)	40	75	105	44	84	110
G.W./unit(kg)	50	90	121	52	99	129
Product Size/unit(mm)	430*482*178	790*482*178	790*482*240	430*482*178	790*482*178	790*482*240
Meas/unit(mm)	530*480*300	870*610*410	870*610*440	530*480*300	870*610*410	870*610*440

## Product Connection Diagram

