

48V Rack-mounted LiFePO4 battery

48V/51.2V rack-mounted LiFePO4 battery, high energy density, stylish appearance, easy to install and expand, widely used in telecom base stations, commercial energy storage, UPS, Residential energy storage systems.



▲ This picture is for reference only, subject to the real thing !



Light weight, Small size



Long cycle life, using high-quality LiFePO4 Cells, the cycle life is as high as 6000 times



Intelligent battery management system



Support a variety of communication protocols, support RS485, RS232, CAN etc



Compatible with a variety of inverters



In the extreme performance safety test, the battery will not catch fire, explode, leak, and be safer to use.

Basic Parameters	HL-LR48100	HL-LR48200
Nominal Voltage(V)	48/51.2	48/51.2
Nominal Capacity(Ah)	100	200
Energy(Wh)	4800/5120	9600/10240
Dimension(mm)	L460xW442xH177	L680xW442xH185
Weight(Kg)	45/47	88/92
Discharge Cut-off Voltage(V)	40.5(15S)/43.2(16S)	40.5(15S)/43.2(16S)
Charge Cut-off Voltage(V)	54.7(15S)/58.4(16S)	54.7(15S)/58.4(16S)
Communication Port	RS485,RS232 CAN	RS485,RS232 CAN
Cell serial number(pcs)	15S/16S	15S/16S
Working Temperature/°C	-10~60	-10~60
Design life	10+Years (25°C/77°F)	10+Years (25°C/77°F)
Cycle Life	>6000, 25°C/77°F, 80%DOD	>6000, 25°C/77°F, 80%DOD
Certification	CE/UN38.3	CE/UN38.3
Maximum continuous charge current	100A	100A
Maximum continuous discharge current	100A	100A

HOME ENERGY STORAGE BATTERY APPLICATION SYSTEM

