

Rack Mounted Li-ion Battery 48V

Lifepo4 Battery Module



Key Features:

► Safety

- Prismatic LFePO4 cells, Longer cycle life and much more safety.
- Low voltage system, safety for application.
- IEC62133, UL, UN38.3 certification for cell.
- UN38.3, CE certification for system.

► Scalability

- Parallel support for more energy.
- Optional accessories for Anti-theft, remote monitoring purpose.

► Design

- Standard 19" rack design.
- Flexible and easily installation.
- -20~+55°C widely temperature range.
- Maintenance free.

► Battery Management System(BMS)

- Independent protection for charge and discharge.
- SOC, SOH display and PC software for detailed operation.
- OVP, LVP, OCP, OTP, LTP protection.
- RS232, RS485, CAN communication port.

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Technical Specification:

Model	LFP48V50Ah	LFP48V100Ah	LFP48V150Ah	LFP48V200Ah
Part Number	8110480005001	8110480010001	8110480015001	8110480020001
Nominal Voltage	48V			
Nominal Capacity	50Ah	100Ah	150Ah	200Ah
Total Energy	2.4KWh	4.8KWh	7.2KWh	9.6KWh
Max. Charging Current	50A	100A	100A	100A
Charging Voltage	51.8 ~ 54.7V			
Max. Discharging Current	100A			
End of Discharge Voltage	42V			
Product Dimension (W*D*H)mm	442*400*133	442*450*175	442*520*182	442*450*175*2
Product Weight (Kg)	26.7	48	60	95.5
Protection Class	IP20			
Operating Humidity	0 - 95%RH (No Condensing)			
Operating Temperature Range	Charge: 0 ~ +50 °C Discharge: -20 ~ +55 °C			
Communication Interface	RS232, RS485, CAN			
Cycle Life	> 3500			
Protection	Over Voltage (Cell, System) , Low Voltage (Cell, System), Over Current, Over Temperature(Cell, BMS, Ambient), Low Temperature (Cell, Ambient), Short Circuit			
Certification	UN38.3, CE			
Parallel Support	Yes, Max. 16 Sets			
Optional Accessories	LCD Display, Gyroscope anti-theft, SNMP			
*Product Specifications are Subject to Change Without Notice.				