

# RACK MOUNT LITHIUM BATTERY PACK



**CN-LFP48V100Ah**

## Technical Features:

### ◆ SAFETY

LiFePO4 cells, Longer cycle life and much more safety. Low voltage system, safety for application. IEC62619, UL1642, UN38.3 certification for cell. UN38.3 certification for system.

### ◆ DESIGN

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

### ◆ SCALABILITY

Parallel support for more energy. Optional accessories for LCD display, MCB, GPS Anti-theft.

### ◆ BATTERY MANAGEMENT SYSTEM

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.

## Product Parameter

Model	CN-LFP48V100Ah
Cell Type	LiFePo4
Internal Connection	16S1P
Nominal Voltage (V)	51.2
Nominal Capacity (Ah)	100
Total Energy (Wh)	5120
Dimension (W*D*H,mm)	482(441)*510*175
Weight (Kg)	52.4
Max. Charging Current (A)	100
Max. Discharging Current (A)	100
Pulse Discharge Current	105A(25°C±3°C; <1S)
Charging Voltage (V)	56~57.6
End of Discharge Voltage (V)	40.5V
Operation Humidity	0~95%RH(No condensing)
Operating Temperature Range	Charge:0~+50°C;Discharge:-20~+55°C
Cycle Life	>3500
Designed Calendar Life	10 Years
Communication interface	RS232,RS485,CAN
Protection	Over-voltage, Low voltage, Over current, Over Temperature, Low Temperature, Short circuit
Parallel Support	Yes,Max.15 Sets
Optional Parts	MCB; LCD display; Gyroscope Anti-theft; Gyroscope Anti-theft;

**CONSNANT**

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