Wall Mount LiFePO4 Battery Pack

CNLP48100-W15S

CNLP48200-W15S



High output,high energy density, high cycle life, small internal resistance

High-sensitivity safety valve can effectively improve the safety of the battery at work

Lightweight (40% of lead-acid), safe lead-acid replacement, explosion-proof vent design.

With communication function, RS232/RS485/CAN,real-time and historical data query

Lead-calcium multi-component alloy grids: corrosion-resistant, pollution-free, low water consumption.

Up to 15 units can be connected in parallel

Product Advantages



Home energy storage system



Communication base station



Data center



Outdoor station backup power

Technical Parameters

CNLP48100/200-W15S		
Model	CNLP48100- W15S	CNLP48200-W15S
Electrical		
Rate Voltage	51.2Vdc	51.2Vdc
Rate Capacity	100Ah	200Ah
Energy Stroage	5.12kWH	10.24kWH
Internal Resistance	<50mΩ	
Cycle Life	DOD(≥4000 cycles at 85% DOD)	
Self Discharge	≥2%	
Charge Efficiency	100% at 0.2C	
Discharge Efficency	96~99% at 1C	
Charge		
Charge Voltage	58.4±0.2V	
Charge Mode	0.2C equalized charge, then 58.4V constant-voltage charge, then floating charge at 0.02C	
Charge Cuerrent	20	40
Maxmum Charge Current (A)	50	100
Maxmum Charge Volyage (DC)	58.4V	
Discharge		
Continuous Current (A)	20	40
Discharge Termination Voltage (DC)	44.8V	
Environmental		
Charge Temperature	0℃ to 45℃ (32F to 113F)@60±25% Relative Humidity	
Delivery Temperature	-20℃ to 60℃ (-4F to 140F)@60±25% Relative Humidity	
Storage Temperature	0℃ to 45℃ (32F to 104)@60±25% Relative Humidity	
Physical		
Material	LiFePO4	
Case Material	Metal	
Size: L*W*H (mm)	555*390*150	590*375*250
Weight (kg)	45	85
Terminal	M8	
Communication	SMBuS/RS485/RS232/CAN	
Display	LED/LCD	