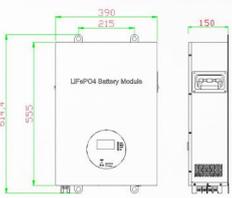
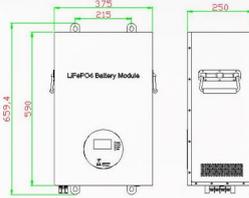


WALL MOUNT LiFePO4 BATTERY PACK



CNS-LFP48100-WM



CNS-LFP48200-WM

Product Characteristics:

- High output, high energy density, high cycle life, small internal resistance
- Lighter weight, about 40% of the weight of lead-acid battery, is an alternative to lead-acid battery, safe and reliable explosion-proof exhaust system
- The positive and negative plate gate is made of lead-calcium multicomponent alloy, corrosion resistance, no pollution and less water consumption
- High-sensitivity safety valve can effectively improve the safety of the battery at work
- With communication function, R232\R485\CAN, real-time and historical data query
- Up to 15 units can be connected in parallel

Application:

home energy storage system,
communication base station, data center

Product Parameter

Model		CNS-LFP48100-WM	CNS-LFP48200-WM
Electrical	Rated voltage(VDC)	51.2	51.2
	Rated capacity (AH)	100	200
	Energy storage (KWH)	5.12	10.24
	Internal resistance	<50mΩ	
	Cycle life	DOD(≥1800 cycles at 85% DOD).	
	Self discharge	≤2%	
	Charge efficiency	100% at 0.2C	
	Discharge efficiency	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 current	20	40
	Maximum charge current(A)	50	100
	Maximum charge voltage (DC)	58.4V	
Discharge	Continuous current(A)	20	40
	Discharge termination voltage (DC)	44.8V	
Environmental	Charge temperature	0°C to 45°C(32F to 113F)@60±25% Relative Humidity	
	Delivery temperature	-20°C to 60°C (-4F to 140F)@60±25% Relative Humidity	
	Storage temperature	0°C to 40°C(32F to 104F)@60±25% Relative Humidity	
Physical	Material	LiFePO4	
	Case material	Metal	
	Size: L*W*H(mm)	555x390x150	590x375x250
	Weight(KG)	45	85
	Terminal	M8	
	Communication	SMBuS/RS485/RS232/CAN	
	Display	LED/LCD	

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