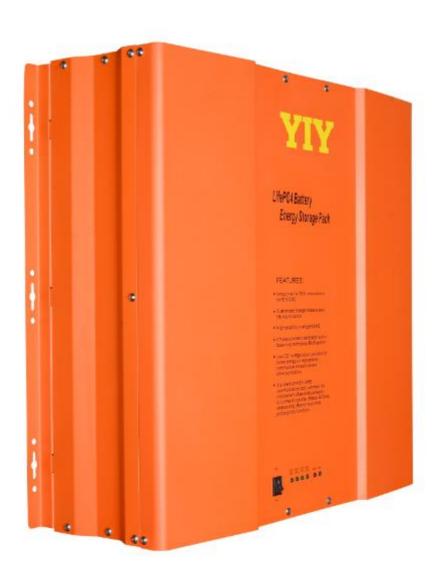
LFP12400H&24200H&48100H



General Information

Our LFP battery pack is an off-grid system, helps you manage your power as a personal resource. It optimizes integration of solar, utility, generator-off grid and protects your home and mission critical business functions from power outages and intermittency.

Basic Specification

Battery		Description					
Normal specification							
	Model	LFP12400H	LFP24200H	LFP48100H			
1	Rated Voltage	12.8V	25.6V	51.2V			
2	Rated Capacity	400Ah	200Ah	100Ah			
3	Rated Energy	5.12KWH					
4	Cell Configuration	4S4P	8S2P	16S1P			
5	Battery Cell	3.2V100AH 16PCS					
Star	ndard Charge						
1	Operation temperature range @charging	0~45°C	0~45°C	0~45°C			
2	Rated charge voltage	13.8±0.1V	27.6±0.2V	55.2±0.4V			
3	Max charge voltage	14.2±0.1V	28.4±0.2V	56.8±0.4V			
4	Overcharge protection	14.6±0.1V	29.2±0.2V	58.4±0.4V			
5	Allowed MAX charge current	220A withstand 30s	110A withstand 30s	55A withstand 30s			
6	Peak charge current	240A withstand 5s	120A withstand 5s	60A withstand 5s			
7	Rated charge current	200A	100A	50A			
8	Recommend charge current	<200A	<100A	<50A			
Stan	ndard discharge		1				
1	Operation temperature range @discharging	-20~60°C	-20~60°C	-20~60°C			
2	Output Voltage Range	10~14Vdc	20~28Vdc	40~56Vdc			
3	Recommend Working Range	11.5~13.5Vdc	23~27Vdc	46~54Vdc			
4	Discharge Cut-off voltage	10V	20V	40V			
5	Allowed MAX discharge current	440A withstand 30s	220A withstand 30s	110A withstand 30s			
6	Peak discharge current	480A withstand 5s	240A withstand 5s	120A withstand 5s			
7	Rated discharge current	400A	200A	100A			
8	Recommend discharge current	<400A	<200A	<100A			
Con	nmunication						
1	RS485	For LCD remote					
2	CAN	PC control and monitor					

Storage and Transportation requirements						
1	Storage Temperature	Less than 1 month	-20~35°C			
		Less than 6 month	-10~30°C			
2	Storage Humidity		45~75%RH			
3	SOC	Storage	60~75% SOC			
		Transport	45~55% SOC			

Mechanical Characteristics							
LFP12400H	Dimension H*W*D	Shipping H*W*D	Weight(N.W.)	Weight(G.W.)			
LFP24200H LFP48100H	516*550*187mm	616*614*290mm	48KG	53KG			