



LITHIUM IRON PHOSPHATE
LFP48200PWI

MODEL		48100PWI	48200PWI
Battery Data	Nominal Voltage	51.2V	51.2V
	Nominal Capacity	100AH	200AH
	Energy	5120WH	10240WH
	Charge Voltage	58.4V	58.4V
	Recommended Charge Current	20A	40A
	Max. Cont. Charge Current	50A	100A
	Discharge Cut-off Voltage	43.2V	43.2V
	Max. Cont. Discharge Current	100A	200A
	BMS	16S 100A	16S 200A
	Charge High Temperature Protection	60℃	60℃
	Charge Low Temperature Protection	-5℃	-5℃
	Discharge High Temperature Protection	65℃	65℃
	Discharge Low Temperature Protection	-10℃	-10℃
Inverter Data	Rate Power	5000VA/5000W	
	Surge Power	10000VA	
	Parallel Capability	Max 6 units for built in inverter mode; Rest 26pcs can use common powerwall	
	Monitoring Option	WiFi or GPRS	
	Output Voltage	220-230-240VAC	
	Peak Efficiency	93%	
	Transfer Time	10ms(For Personal Computers); 20ms(For Home Appliances)	
Wave Form	Pure Sine Wave		
Solar Charger & AC Charger	Max.PV Array Power	6000W	
	Max.Solar Charge current	100A	
	Max.AC Charge Current	80A	
	Max Charge Current	100A	
	Frequency Range	50Hz/60Hz (Auto sensing)	
	Max.PV Array Open Circuit Voltage	450VDC	
	Operating Voltage MPPT Range	120-430VDC	
Mechanical Specifications	Dimensions (L*W*H)	940*480*195mm	1020*480*195mm
	Weight	Approx 73Kg	Approx 115Kg
	Shell material	Stainless Steel	
Warning	Do not immerse the battery into water or use in humid environment.		
	Do not expose to temperatures over 60℃.		
	Do not connect the positive and negative terminals of the same battery directly.		
	Do not reverse the positive and negative terminals.		
	Do not disassemble or modify battery.		
	Keep battery out of reach of children.		
Please use a special charger for lithium iron phosphate batteries			
If you have any questions about LiFePO4 battery, please do not hesitate to contact us.			