

LiFePO4 Battery

Reliable • Safe • Long Life



Safe & Stable



Long Cycle Life



Green Energy



Wide Application



LiFePO4 Battery Series (12V / 24V)

Model No	LFP-50-12	LFP-100-12	LFP-150-12	LFP-200-12	LFP-314-12	LFP-100-24	LFP-200-24
Nominal Voltage	12.8V					25.6V	
Standard Capacity	50Ah	100Ah	150Ah	200Ah	314Ah	100Ah	200Ah
Energy	0.64 kWh	1.28 kWh	1.92 kWh	2.56 kWh	4.00 kWh	2.56kWh	5.12 kWh
Cycle Life	≥3,000 cycles @80%DOD						
Warranty	3 years						
Short Circuit Protection	Yes						
Limited Charge Voltage	14.6±0.1V					29.2±0.1V	

POWER WALL

51.2V 200Ah 10.24kWh LiFePO4 Battery Module

•PW Series•



Model No.	PW- 50-5.12	PW-100-5.12	PW-150-5.12	PW-200-5.12	PW-314-5.12
Nominal Voltage	51.2V				
Standard Capacity	100Ah	200Ah	300Ah	400Ah	600Ah
Energy	2.56 kWh	5.12 kWh	7.68 kWh	10.24 kWh	16.07 kWh
Cycle Life	≥6,000 cycles @80%DOD				
Warranty	5 years				
Short Circuit Protection	Yes				
Limited Charge Voltage	58.4V±0.2V				

Standard Charge/Discharge
Temperature: 0°C~60°C (32°F~140°F)

Operation Current (0.2C):
Charge: 0~55°C (32°F~131°F) | Discharge: -20~55°C (-4°F~131°F)

Default Voltage	22.40V			44.80V		
Max. Charge Current	50A	100A	150A	50A	100A	150A
Max. Continuous Discharge Current	100A	150A	200A	100A	150A	200A
Operating Temperature	Charging: 0~55°C (32~131°F)			Discharging: -10~55°C (14~131°F)		
Optional Function	Heater, LCD, Lighting Strip, Fire Extinguisher					
Max. connection	15 in series or 16 in parallel					
Communication protocol	RS485, CAN					
Inverter application	Goodwe, Growatt, Solis, SolaX, Luxpower, Must, Voltronic, Deye, Dyness, Sofar, Sofar, Schneider, Victron, SMA, etc.					
Full voltage difference battery pack	≤300mV					
IP grade	IP21					
Net Weight(±1%)	~52kg	~51kg	~50kg	~55kg	~74kg	~102kg
Dimension(W*H*D)	600*930*190mm	600*930*190mm	600*930*190mm	600*1160*216mm	600*1160*216mm	600*1600*220mm

Rolling Block

• RB Series •



Model No.	RB-314-51.2	RB-360-51.2	RB-460-51.2	RB-600-51.2	RB-640-51.2
Nominal Voltage	51.2V				
Standard Capacity	314Ah	360Ah	460Ah	600Ah	628Ah
Energy	16.07 kWh	17.92 kWh	20.48 kWh	23.6 kWh	32.15 kWh
Cycle Life	≥6,000 cycles @80%DOD				
Warranty	5 years				
Short Circuit Protection	Yes				
Limited Charge Voltage	58.4V±0.2V				
Standard Charge Current	Constant current 0.2C, Constant Voltage 58.4V,				
Max. Charge Current	≤200A				
Max. Continuous Discharge Current	150A	200A		250A	
Operating Temperature	Charge:0~55°C (32~131°F) Discharge: -10~55°C (14~131°F)				
Optional function	Heater, LED Lighting Strip, Fire Extinguisher				
Max. connection	In series or in parallel				
Communication protocol	RS485, CAN				
Inverter application	Goodwe, Growatt, Solis, SolaX, Luxpower, Must, Voltronic, Deye, Dyness, Sofar, Sofar, Schneider, Victron, SMA, etc.				
Full voltage difference battery pack	≤20mV				
IP grade	IP21				
Net Weight(±1%)	≈125kg	≈138kg	≈173kg	≈213kg	≈262kg
Dimension(W*H*D)	500*900*700mm	500*900*700mm	700*900*700mm	700*900*700mm	750*900*800mm



All-in-One

<AO Series>

SOLAR POWER GENERATOR

AO300.48-10 10KW/15KWh



Solar
Energy



AC
Output



Smart
Control



Indoor /
Outdoor



Clean Energy
for a Sustainable Today
& an Inexhaustible Future

Model No.	AO-10KW-5KWh	AO-10KW-10KWh	AO-10KW-15KWh
Rated voltage	25.6V	25.6V	51.2V
Rated capacity	200Ah	400Ah	314Ah
Total Rated Power a.c	10000W	10000W	10000W
Rated Voltage a.c	230V	230V	230V
Output / Rated Current Max. Power	44A/5000W	28.5A/6600W	70A/10000W
Output/ Rated Current/Max.Power	21A/4600W	43A/8600W	43A/8600W
Voltage Range	90-280Vac	90-280Vac	90-280Vac
Frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Max.AC Bypass Current a.c	10A	40A	40A
Max.AC Bypass Current a.c	140A	120A	160A
Max.PV Input Power a.c	6000W	9000W	12000W
Max.PV Input Current a.c	11A	27A	27.5A
Max.Charge Voltage dc	540V	540V	600V
MPPT Input Voltage Range dc	60-450V	60-450V	60-450V
Max.Charge Current dc	100A	120A	160A
Maximum discharge current	140A	210A	216A
Number of cycles	6000 times	6000 times	6000 times
Operating temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C
Net Weight(kg)	~75kg	~100kg	~100kg
Dimensions(W*H*D)	638*733*300mm	680*865*300mm	640*1090*330mm