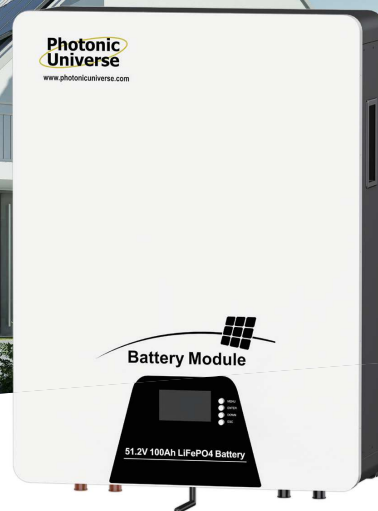


12V/ 24V WALL-MOUNTED LITHIUM IRON PHOSPHATE BATTERY

May the power be with you

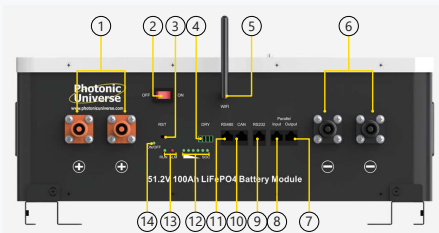


LFP4800W Series

LFP4800W series wall mounted Lithium battery (LiFePO4 Battery) solutions are highly integrated, deep cycle backup power solutions for your solar home energy storage system. With rich experience and advanced techniques, the product has the features of the fashionable design, high energy, high power density, long service life, and easiness of installation and expansion.

* Custom capacity is acceptable.

Pic of Input & Output Port



1. BAT+
2. Start buttons
3. RST port
4. DRY port
5. WiFi
6. BAT-
7. Parallel output port
8. Parallel input port
9. RS232 communication port
10. CAN communication port
11. RS485 communication port
12. SOC indicator
13. Status indicator
14. ON/OFF indicator

24V/48V WALL-MOUNTED LITHIUM IRON PHOSPHATE BATTERY

Specifications

Technical Data		LFP24-100W	LFP24-200W	LFP48-100W	LFP48-200W
Nominal Voltage		25.6V		51.2V	
Nominal Capacity		100Ah	200Ah	100Ah	200Ah
Nominal energy		2560Wh	5120Wh	5120Wh	10240Wh
Life Cycles		6000 cycles @ 80% DOD, 25°C			
Recommended Charge Voltage		29.2V		58.4V	
Recommended Charge Current		20A	40A	20A	40A
End Of Discharge Voltage		22V		44V	
Standard Method	Charge	20A	40A	20A	40A
	Discharge	50A	100A	50A	100A
Maximum Continuous Current	Charge	100A	150A	100A	150A
	Discharge	100A	150A	100A	150A
BMS Cut-Off Voltage	Charge	29.2 V (3.65V/Cell)		58.4 V (3.65V/Cell)	
	Discharge	22.0V (2s) (2.75V/Cell)		44.0V (2.75V/Cell)	
Temperature	Charge	0 ~ 45°C			
	Discharge	-10 ~ 55°C			
Storage Temperature		-5~35°C			
Shipment voltage		≥25.6V		≥51.2V	
Module Parallel		Up to 15 units			
Communication		CAN2.0/RS232/RS485			
IP Protection level		IP21			
Case Material		SPCC			
Machine Dimension (H*W*D) (mm)		485.5*442*177	486.5*442*250	625.5*442*177	686.5*442*250
Package Dimension (W*H*D) (mm)	carton box	557*547*227	557*547*300	688*557*227	non
	wooden box	555*565*340	555*565*410	696*565*335	759*569*391
N.W (kg)		27	44	45	80
G.W (kg)	carton box	30	48	48	non
	wooden box	40	57	58	97
* Variations in dimensions and weights may occur due to production batches.					
Charge Retention And Capacity Recovery Capability		Standard charge the battery, and then put aside at room temperature for 28d or 55°C for 7d, Charge retention rate≥90% Recovery rate of charge≥90%			
Warranty		5 years			
Certification & Standards		CE-EMC (EN 61000-6-3: 2007+A1: 2011+AC: 2012 EN IEC 61000-6-1: 2019) IEC62619-1:2018; IEC62619:2022; IEC62619:2017; UN38.3/ MSDS			

The technical specifications of this document are subject to change without any notice