

LITHIUM IRON PHOSPHATE (LIFEPO4) BATTERY

LP2100 Series

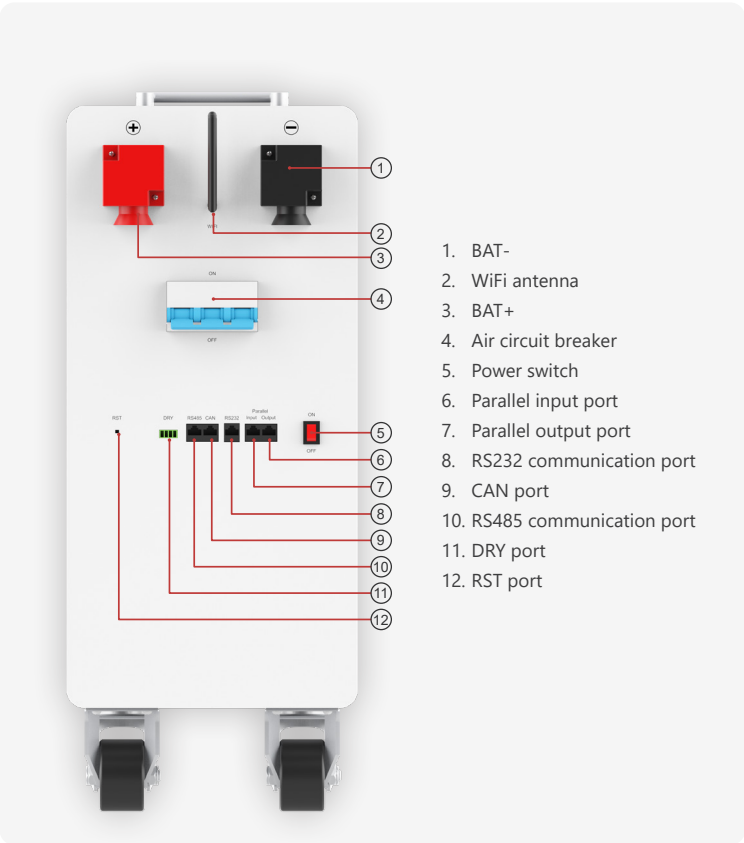
14.3~15.3KWH | WiFi

LP2100 Series is a lithium battery specially designed for residential applications with superior performance. Compatible with MUST PV/ EP/PH inverters series, one-stop-shop solution can be designed with LP2100 series, save you precious time and money, ideal solution for large home and small commercial with strong capacity 14.3kWh/15.3kWh.



- Remote diagnosis & update
- Auto reboot after undervoltage
- Built-in WiFi Smart Module
- 15 Units in parallel maxium
- 8KW continous/module, 10KW @ 10s peak/module
- Longer cycle life 6000 cycles @ 80% DOD, 25 °C
- Support CAN & RS485 communication with mainstream inverters

Back panel description



Technical Data		LP21-48280	LP21-48300
Nominal Voltage		51.2V	
Nominal Capacity		280Ah	300Ah
Nominal energy		14336Wh	15360Wh
Life Cycles		6000 cycles @ 80% DOD, 25°C	
Recommended Charge Voltage		57.6V	
Recommended Charge Current		56A	60A
End Of Discharge Voltage		44V	
Standard Charge Current		56A	60A
Standard Discharge Current		140A	150A
Maximum Continuous Charge Current		200A	200A
Maximum Continuous Discharge Currentt		200A	200A
BMS Cut-Off Voltage Charge		58.4 V (3.65V/Cell)	
BMS Cut-Off Voltage Discharge		22.0V (2s) (2.75V/Cell)	
Temperature Charge		0 ~ 45°C	
Temperature Discharge		-10 ~ 55°C	
Storage Temperature		-5~35°C	
Shipment voltage		≥25.6V	
Module Parallel		Up to 15 units	
Communication		CAN2.0/RS232/RS485	
Case Material		SPCC	
Machine Dimension (H*W*D) (mm)		733*260*633	
Package Dimension (W*H*D) (mm)	wooden box	440*720*870	/
N.W (kg)		118	/
G.W (kg)	wooden box	138	/
* 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) UN38.3/ MSDS / IEC62619:2017	