

LV BATTERY SYSTEM

LP3000 PRO Series

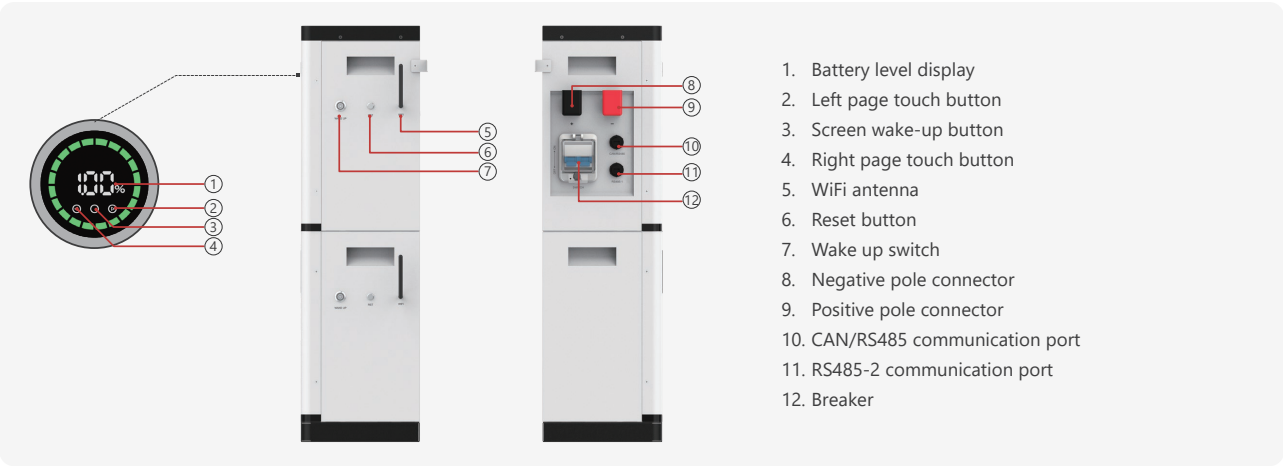
5.12~20.48KWH | WiFi | IP65





The LP3000 PRO series is an advanced lithium iron phosphate (LFP) battery designed for solar energy storage and backup power applications. With its safe, long-lasting LFP chemistry, intelligent battery management system, and robust design, this battery provides an ideal storage solution for residential and commercial renewable energy systems.



- Max Continuous power 10kw
- Peak power 12kw@30S
- Easy installation with modular and stacked design, just plug and play
- Real-time monitoring of battery charging and discharging, online system updates and maintenance
- IP65 protection level design Suitable for indoor and outdoor
- Excellent safety of cobalt free LiFePO4 battery
- Latest LFP technology: >7000 cycles @ 80% DOD, 25 °C
- Remote firmware upgrade
- Independent BMS system for each module
- Compatible with most popular inverter models (more than 15) on the market.
- Stack up to 4 batteries(4\*5.12kwh), parallel up to 16 batteries (max capacity: 81.92kWh)
- Built-in WiFi Smart Module

Back panel description



Datesheet	LP30-5.1 PRO	LP30-10.2 PRO	LP30-15.3 PRO	LP30-20.4 PRO
System Demo				
Battery Module	LP30 PRO-48100			
Number of Modules	1	2	3	4
Energy Capacity	5.12kwh	10.24kwh	15.36kwh	20.48kwh
Usable Capacity	4.91kwh	9.83kwh	14.75kwh	19.66kwh
Max. output power	5KW	10KW	10KW	10KW
Dimension (W*D*H)(mm)	595*230*450	595*230*830	595*230*1210	595*230*1590
Weight(kg)	61	110	160	210
* Variations in dimensions and weights may occur due to production batches.				
Cycle Life	7000 cycles @ 80% DOD, 25 °C			
Maximum Charge Current	100A	150A	200A	200A
Maximum Discharge Current	100A	150A	200A	200A
GENERAL				
Battery Type	Cobalt Free Lithium Iron Phosphate (LFP)			
Nominal Voltage	51.2V			
Operating voltage Range	44.8~56.8V			
IP Protection	IP65			
Install location	Indoor or outdoor without sunlight exposure			
Installation Mode	Floor installation, Stackable			
Operation Temperature	Battery discharge: -20~60°C, battery charge: 0~ 50°C			
FEATURES				
BMS Monitoring Parameters	SOC, System voltage, current, cell voltage, cell temperature, PCBA temperature measurement ,SOH			
Communication Port	CAN/RS485/BLE/WIFI			
Warranty	5years/ 10 years (optional) (25 °C)			
CERTIFICATION				

EN61000-6-1, EN61000-6-3/ IEC62619/ UN38.3

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