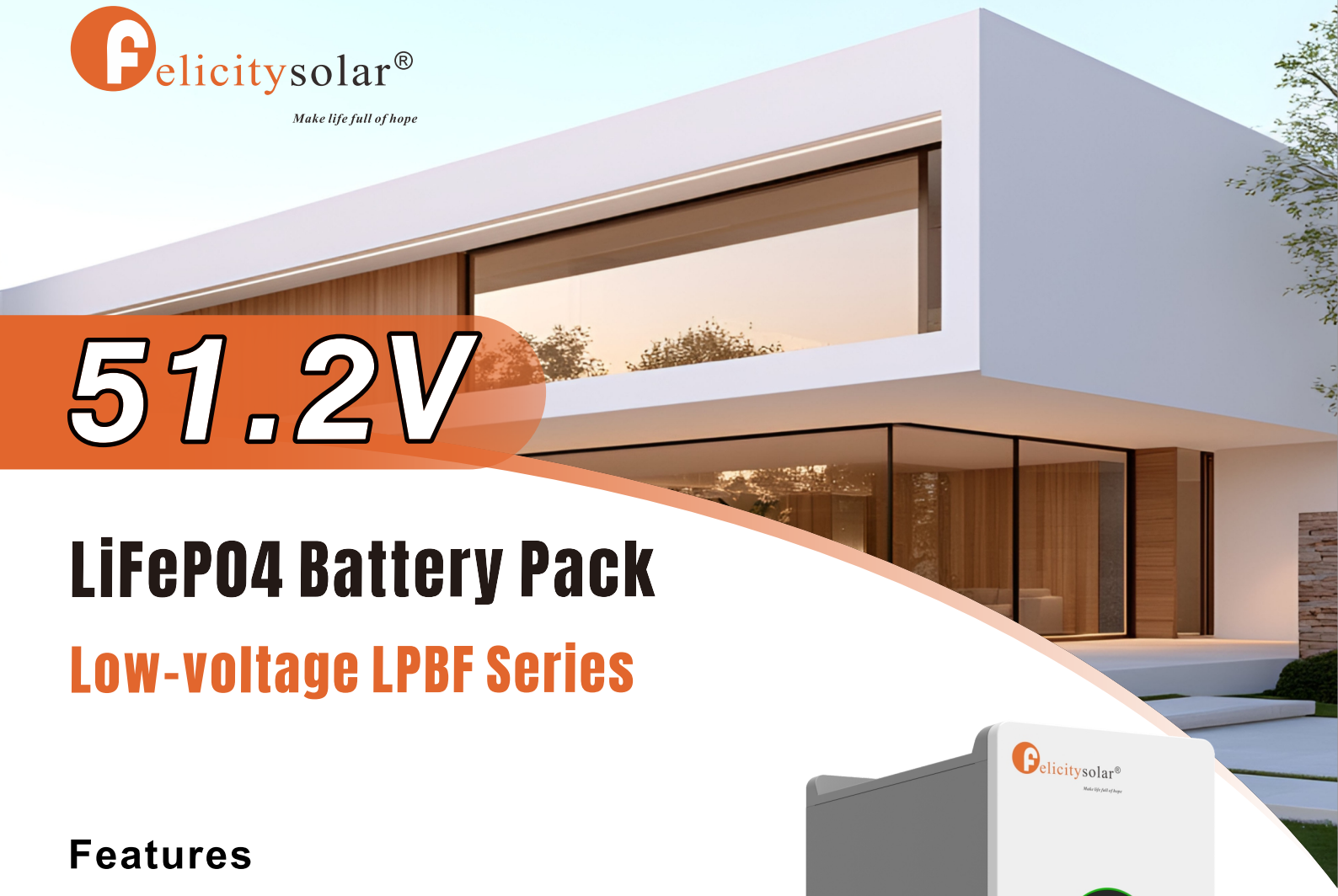
Felicitysolar®

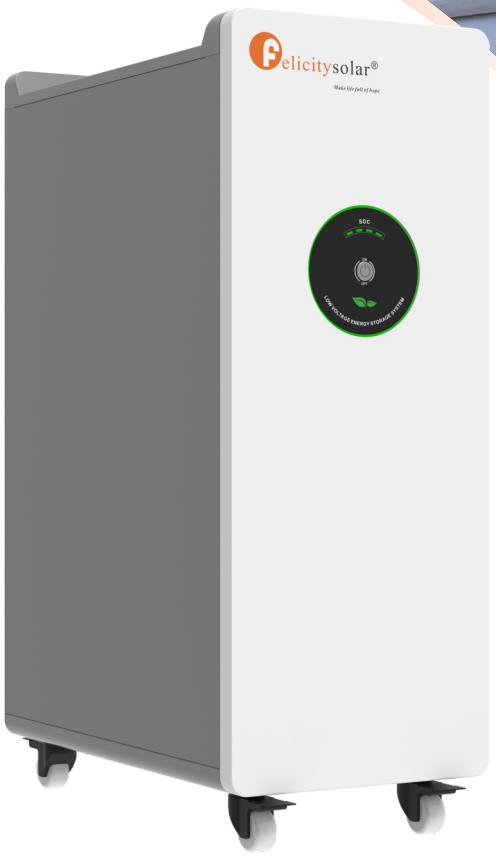
Make life full of hope



51.2V

LiFePO4 Battery Pack

Low-voltage LPBF Series



Features

- High-quality lithium iron phosphate battery.
- Big capacity with small volume for household.
- ≥6000 times deep cycle charge and discharge.
- High class of safety with built-in BMS protection.
- Scalable expansion up to 6 pcs in parallel.
- Up to 5-year long warranty.

LPBF48300/ LPBF48300-II

Guangzhou Felicity Solar Technology Co.,Ltd.

www.felicitysolar.com sales@felicitysolar.com

No. 2, Donghua Huaye Road, Renhe Town, Baiyun District, Guangzhou, China **(Only 10 Mins from Baiyun Airport)**

Official Website

Facebook

Model	LPBF48300	LPBF48300-II
Battery Type	LiFePO4	
Nominal Energy	15kWh	15kWh
Nominal Voltage	51.2V	
Operating Voltage	48-57.6V	
Recommend Charge/Discharge Current[1]	≤120A	
Recommend Charge/Discharge Power[1]	≤6,000W	
Maximum Charge/Discharge Current(15s)	200A	
Maximum Charge/Discharge Power(15s)	10，000W	
Depth of Discharge(DOD)	≥95%	
Scalability	Max. 6 pcs in Parallel (90kWh)	Max. 6 pcs in Parallel (90kWh)
Communication	RS485/CAN	
Protection Degree	IP21	
Cycle Life[2]	≥6,000 Cycles	
Charging Temperature Range	0°C-55 °C	
Discharging Temperature Range	-20°C-60 °C	
Display	LED	LED
Installation Style	Floor-Mounted	
Protection	Built-in Smart BMS, Breaker, Fuse	
Warranty	5 Years	
Certification	UN38.3、CE-EMC、IEC 62619	UN38.3
Product Weight	154KG	155.5KG
Package Weight	177KG	178.5KG
Product Dimension	615x350x955MM	615x350x955MM
Package Dimension	718x450x1112MM	718x450x1112MM

[1] Recommend charge/discharge current/power is affected by temperature and SOC.

[2] Test conditions: 0.2C Charging/Discharging @25°C, 80% DOD.

*Product specifications may vary during continuous improvements. Please contact us for latest details.

*Refer to Felicitysolar's Warranty Policy for applicable conditions.

Product Display



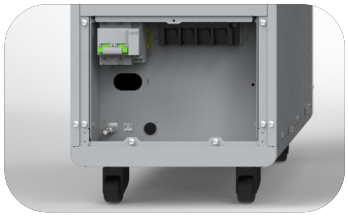
Real-time Status via LCD Display



Support 6 Pcs in Parallel



Longer Lasting LiFePO4 Battery



LPBF48300 Wire Ports



LPBF48300-II Wire Ports

Guangzhou Felicity Solar Technology Co.,Ltd.

www.felicitysolar.com sales@felicitysolar.com

No. 2, Donghua Huaye Road, Renhe Town, Baiyun District, Guangzhou, China **(Only 10 Mins from Baiyun Airport)**

Official Website

Facebook