

51.2V

LiFePO4 Battery Pack

Low-voltage LPBF Series

Features

- Scalable expansion up to 6 pcs in parallel.
- LiFePO4: higher safe performance and longer cycle life.
- Multiple Protection with built-in smart BMS, breaker and fuse.
- Flexible Installation: Wall-Mounted or Floor-Mounted.
- Compatible with leading inverter brands.
- Up to 5-year long warranty.



LPBF48150-P



Model	LPBF48150-P
Battery Type	LiFePO4
Nominal Energy	7.2kWh
Nominal Voltage	51.2V
Operating Voltage	48-57.6V
Recommend Charge/Discharge Current[1]	≤60A
Recommend Charge/Discharge Power[1]	≤3,000W
Maximum Charge/Discharge Current(15s)	120A
Maximum Charge/Discharge Power(15s)	6,000W
Depth of Discharge(DOD)	≥95%
Scalability	Max. 6 pcs in Parallel(43.2kWh)
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
Installation Style	Wall-Mounted / Floor-Mounted
Protection	Built-in Smart BMS, Fuse
Warranty	5 Years
Certification	UN38.3、CE-EMC、IEC 62619
Product Weight	54.5KG
Package Weight	59.5KG
Product Dimension	654x425x203MM
Package Dimension	752x527x268MM

[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



Longer Lasting LiFePO4 Battery



Support 6 Pcs in Parallel



Wide Inverter Compatibility

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 International Airport)



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