

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.



LPBF48100-M



Model	LPBF48100-M
Battery Type	LiFePO4
Nominal Energy	5kWh
Nominal Voltage	51.2V
Operating Voltage	48-57.6V
Recommend Charge/Discharge Current[1]	≤50A
Recommend Charge/Discharge Power[1]	≤2,500W
Maximum Charge/Discharge Current(15s)	100A
Maximum Charge/Discharge Power(15s)	5,000W
Depth of Discharge(DOD)	≥95%
Scalability	Max. 6 pcs in Parallel(30kWh)
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	LCD+LED
Installation Style	Wall-Mounted / Floor-Mounted
Protection	Built-in Smart BMS, Fuse
Warranty	5 Years
Certification	UN38.3
Product Weight	40KG
Package Weight	44kKG
Product Dimension	507x455x184MM
Package Dimension	585x537x258MM

[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



Real-time Status via LCD Screen



Support Wall Mounted Installation

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Official Website



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