

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.



LPBF48350



Model	LPBF48350
Battery Type	LiFePO4
Nominal Energy	17.5kWh
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 (105kWh)
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	Floor-Mounted
Protection	Built-in Smart BMS, Breaker, Fuse
Warranty	5 Years
Certification	UN38.3、CE-EMC、 IEC 62619
Product Weight	162KG
Package Weight	185KG
Product Dimension	622x350x955MM
Package Dimension	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



LPBF48350 Wire Ports



Longer Lasting LiFePO4 Battery



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