felicitysolar®

Make life full of hope



25.6V

LiFePO4 Battery Pack

Low-voltage LPBF Series

Features

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



LPBF24200-M

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)**

Official Website

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Model	LPBF24200-M
Battery Type	LiFePO4
Nominal Energy	5kWh
Nominal Voltage	25.6V
Operating Voltage	24-28.8V
Recommend Charge/Discharge Current[1]	⩽80A
Recommend Charge/Discharge Power[1]	⩽2,000W
Maximum Charge/Discharge Current(15s)	120A
Maximum Charge/Discharge Power(15s)	3，000W
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	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	36.5KG
Package Weight	41.5KG
Product Dimension	415x400x213MM
Package Dimension	537x522x298MM

[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

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