



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.



LPBF24300

Guangzhou Felicity Solar Technology Co.,Ltd.



[www.felicitysolar.com](http://www.felicitysolar.com)



[sales@felicitysolar.com](mailto: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	LPBF24300
Battery Type	LiFePO4
Nominal Energy	7.5kWh
Nominal Voltage	25.6V
Operating Voltage	24-28.8V
Recommend Charge/Discharge Current[1]	≤120A
Recommend Charge/Discharge Power[1]	≤3,000W
Maximum Charge/Discharge Current(15s)	200A
Maximum Charge/Discharge Power(15s)	5,000W
Depth of Discharge(DOD)	≥95%
Scalability	Max. 6 pcs in Parallel(45kWh)
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	76KG
Package Weight	93KG
Product Dimension	670x540x231MM
Package Dimension	765x635x400MM

[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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