

# 12.8V

## LiFePO4 Battery Pack

### Low-voltage LPBF Series

#### Features

-  LiFePO4: Higher safe performance and longer cycle life.
-  Multiple Protection: built-in smart BMS and fuse.
-  Flexible Installation: floor-mounted.
-  Wide Compatibility: compatible with leading inverter brands.
-  Scalable expansion up to 16 pcs in parallel.
-  Long Warranty: 5 years.



**LPBF12300**



Model	LPBF12300
Battery Type	LiFePO4
Nominal Energy	3.75kWh
Nominal Voltage	12.8V
Operating Voltage	11.2-14.4V
Recommend Charge/Discharge Current[1]	≤150A
Recommend Charge/Discharge Power[1]	≤1,875W
Maximum Charge/Discharge Current(15s)	200A
Maximum Charge/Discharge Power(15s)	2,500W
Depth of Discharge(DOD)	≥95%
Scalability	Max. 16 pcs in Parallel(60kWh)
Communication	RS485/CAN
Protection Degree	IP21
Cycle Life[2]	≥6,000 Cycles
Charging Temperature Range	0°C-55 °C
Discharging Temperature Range	-20°C-55 °C
Display	LCD+LED
Installation Style	Floor-Mounted
Protection	Built-in Smart BMS, Fuse
Warranty	5 Years
Certification	UN38.3
Product Weight	34KG
Package Weight	38KG
Product Dimension	492x381x245mm
Package Dimension	560x450x303mm

[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 16 Pcs in Parallel



Real-time status via LCD Screen & LED



Wide Inverter Compatibility



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