

BSLBATT NEURO SERIES

51.2V LiFePO4 Solar Wall Batteries

The BSLBATT wall-mounted home battery is a 51.2V solar battery based on LiFePO4 electrochemical technology. It features a module design for flexible expansion and a compact, space-saving profile suitable for residential, commercial, and industrial use.

Key Features

- Module design, flexible expansion (Up to 32 units in parallel)
- Compact design, space saving
- Tier One, A+ LiFePO4 cell composition
- Matching with leading inverters
- 6000 cycles @ 90% DOD (Up to 8000 @ 25°C for Neuro 10)
- 10 Years Warranty / >15 Years Design Life
- High Safety: UN38.3, UL1973, IEC62619, CEC certified
- Smart Communication: RS232, RS485, CAN, Optional WIFI/Bluetooth

Technical Specifications

Model	Neuro 5 (B-LFP48-100PW)	Neuro 10 (B-LFP48-200PW)
Nominal Capacity	5120 Wh	10240 Wh
Usable Capacity	4864 Wh	9728 Wh
Nominal Voltage	51.2 V	51.2 V
Battery Type	LiFePO4	LiFePO4
Cell & Method	16S1P	16S2P
Dimension (W*H*D)	540 * 460 * 147 mm	860 * 510 * 147 mm
Weight	50kg ± 3%	95kg ± 3%
Max Charge Current/ Power	80A / 4.096kW	160A / 8.192kW
Max Discharge Current/ Power	120A / 6.144kW	220A / 11.264kW
Working Temperature		

Model	Neuro 5 (B-LFP48-100PW)	Neuro 10 (B-LFP48-200PW)
	Charge: 0~55°C Discharge: -20~55°C	Charge: 0~55°C Discharge: -20~55°C
Protection Level	IP20	IP20

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