

# 15KWH LIFEPO<sub>4</sub> BATTERY DATASHEET

Model: BST-PWBA48300

## Product Features

- Built with brand-new Gotion LiFePO<sub>4</sub> battery cells.
- ≥ 6000 cycles at 80% Depth of Discharge (DOD), 25°C.
- Smart BMS board for enhanced safety and inverter compatibility.
- Supports parallel connection up to 16 units for scalable energy storage.
- Warranty: 3 years

## Technical Specifications

Parameter	Specification
Model	BST-PWBA48300
Cell Series Connection	16S
Rated Energy	15.36 kWh
Rated Voltage	51.2V
Recommended Charge Cut-off Voltage	57.6V
Recommended Discharge Cut-off Voltage	48V
Max. Charge & Discharge Current (10s)	200A
Recommended Charge & Discharge Current	≤ 160A
Max. Output Power (10s)	10,000W
Recommended Output Power	≤ 8,000W
Depth of Discharge (DOD)	≥ 95%
Cycle Life	6000 cycles @ 80% DOD, 25°C
Communication Interface	RS485 / CAN / RS232
Operating Temperature	0°C to 60°C
Ingress Protection	IP21
Product Size (L×W×H)	535 × 260 × 800 mm
Net Weight	119 kg
Packing Size (L×W×H)	615 × 410 × 920 mm
Gross Weight	138 kg

**Applications**

- Residential and commercial solar storage
- Off-grid and hybrid solar energy systems
- Emergency power backup
- Renewable energy integration (solar/wind hybrid)

**Contact Information**

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