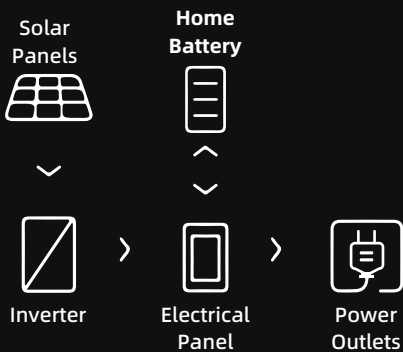


Lithium-ion Energy Storage Battery B-LFP48-300PW



The BSLBATT B-LFP48 wall-mounted energy storage system provides 15.36kWh of battery in a single unit, with up to 30 units available simultaneously for additional capacity. Inside the product is an automotive-grade module structure using lithium iron phosphate (also known as LFP or LiFePO4) battery chemistry, also known as LFP, which provides long cycle life without the toxicity or fire hazards of other lithium technologies.



APPLICATIONS

- Renewable Energy
- Back-up power
- Self-consumption optimisation
- Off-grid power supply



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Key Features

- > Expandable by up to 30
- > Tier One, A+ Cell Composition
- > 98% Efficiency Rate
- 10-Year Warranty
- > UL-rated battery pack.
- > Cycle One to Several Times Per Day
- > Fast Charge & Discharge Rates
- > AC coupling system for easier installation
- > Compatible with more than 20 inverters
- > Safer, more durable, more reliable LiFePO4 cells



Lithium battery
BSLBATT

LiFePO₄
Technology



Nominal Parameters

Item	General Parameter
Electrical Specifications	51.2V (16S)
Nominal Capacity	300Ah
Energy	15.36 KWH
Efficiency	99%
Self Discharge	< 1% per Month
Discharge specifications	
Max. continus Discharge current	200A
Peak Discharge Current	200A
Recommend Discharge current	100A
Voltage at end of Discharge	47-48V
Tempearture Specifications	
Discharge Tempearture	(-20~60°C)
Charge Tempearture	(0~45°C)
Storage Tempearture	(-20~55°C)
Mechanical Specifications	
Dimensions (L x W x H)	600*190*950 mm
Weight	130 kg
Case Material	Steel
Cell Type	Prismatic
Chemistry	LiFePO4
Charge Specifications	
Recommended Charge Current	100A
Maximum Charge Current	100A
Rencommended Charge Voltage	54-55V

Certification

Safety	UL1642/CE/RCM/FCC/TUV (IEC 62619) /UL1973
EMC	IEC61000-6-1 , IEC61000-6-3
Hazardous Materials Classification	Class 9
Transportation	UN38 3
IP LEVEL	IP54(IP65 Option)