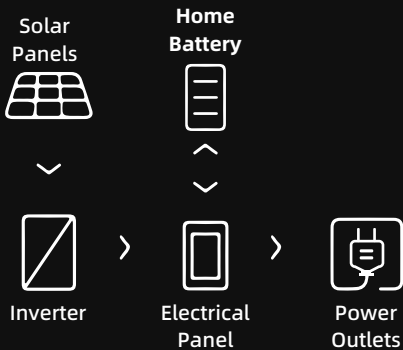


Lithium-ion Energy Storage Battery B-LFP48-300PW



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

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



inquiry@bsl-battery.com



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)