



PowerLine -10

THE THINNEST WALL-MOUNTED SOLAR BATTERY
EVER BUILT WITH JUST

100MM THICKNESS

Introduction

The PowerLine -10 is the fourth star in the BSLBATT ultra-slim series of batteries, and is an upgraded version of the PowerLine -5, with a battery capacity of 10.24kWh, suitable for larger homes, and can be connected to 15 identical battery cells in parallel, with a body thickness of only 10cm and a hidden connection port design, and a beautifully designed landscape on the panel, making it more like a piece of art!



PowerLine-10

- - 50% Installation Space
- 5X Cycle Life
- 3X Watt Density
- + 10% Energy Density
- - 20% Cost

Application Scenarios



Technical Specification

Model	PowerLine-10
Nominal energy	10240Wh
Series-parallel connection method	16S2P
Nominal capacity	200Ah
Nominal voltage	51.2V
Operating voltage range	44.8 ~ 58.4V
Operating temperature (Charging)	0 ~ 55°C ≤90%ROH
Operating temperature (Discharging)	-20 ~ 60°C ≤90%ROH
Standard charging	Constant current charging:100A
Maximum unit voltage 3.65V	Charging voltage: 58.4V
	Cut off current: 10A
Maximum continuous charging current	Constant current charging:200A
Maximum unit voltage 3.65V	Charging voltage: 58.4V
	Cut off current: 10A
Standard discharge	Constant current discharge: 100A
Minimum monomer voltage 2.5V	Cut off voltage: 40V
Maximum continuous discharge current	Constant current discharge: 200A
Minimum monomer voltage 2.5V	Cut off voltage: 40V
Storage temperature	-20~65°C
Cycle life	≥6000 cycles @ 90%DOD, @ 25°C, 0.5C
Monthly self-discharge	<2% Per month
Communication equipment	RS485/CAN
Equalisation method	Passive equalization
Shipping capacity	SOC 30 ~ 70% (TBD)
Weight	95±2Kg
Dimension	(980*700*100) ±2mm

Certification

Safety	IEC62619/CE/UL1973/UN38.3
Hazardous Materials Classification	Class 9
Transportation	UN38.3
IP Level	IP 65

Features



Modular and scalable



Max. 1C charge/
discharge



6000 Cycle Life @90% DOD



10-year warranty &
technical support



30 days delivery period



For on-grid and off-grid



UL standard battery
pack



Compatible with
multiple inverters



Safe and reliable LiFePO4