



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



Residential



Small Commercial



Farm



Mobile



Office



Telecom

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