



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

## Certification

|                                    |                           |
|------------------------------------|---------------------------|
| Safety                             | IEC62619/CE/UL1973/UN38.3 |
| Cell                               | IEC62619/UL1973/CE        |
| Hazardous Materials Classification | Class 9                   |
| Transportation                     | UN38.3                    |
| IP Level                           | IP 22                     |

## Features

|  |   |   |
|--|---|---|
|  Modular and scalable                    |  Max. 1C charge/<br>discharge          |  8000 Cycle Life @80% DOD  |
|  12-year warranty &<br>technical support |  30 days delivery period               |  For on-grid and off-grid  |
|  UL standard battery<br>pack             |  Compatible with<br>multiple inverters |  Safe and reliable LiFePO4 |