

# Residential LFP Battery Series

**LV-BAT-W10.24Ac**

**51.2V 200Ah 10.24kWh**

A sleek and space-saving solution for your energy storage needs. With its compact design and easy installation, it seamlessly blends into any environment. Whether in your home, office, or commercial space, our wall-mounted unit provides reliable and efficient energy storage.



LV-BAT-W10.24Ac is a perfect wall-mounted solar energy lithium battery for residential home use. Built-in with High-Quality LiFePO4 large capacity cells. It ensures a long cycle life of the battery system. The designed BMS is verified to be compatible with different brands of inverters, hybrid on grid&off grid or off grid.

**DONGUAN  
LITHIUM VALLEY  
ENERGY CO., LTD .**

## FEATURES



### Unique Design

New wall mount design



### Flexible Capacity

Max.15pcs in Parallel to extend capacity



### Safe & Reliable

Lithium Iron Phosphate (LFP) Cell



### LED Display

SOC, Battery Status



### Easy Installation

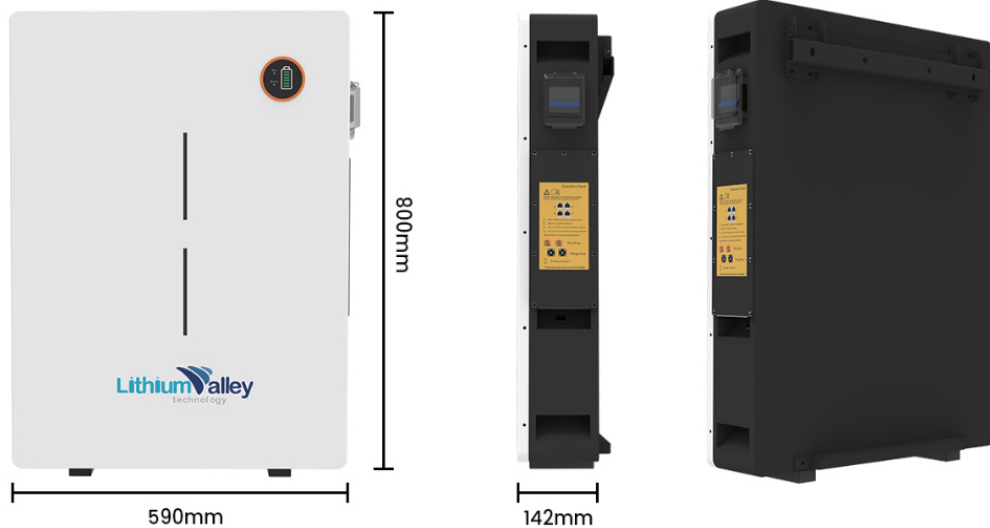
Quick plug in +/- and parallel connection



### Certificates

CB, IEC62619, UL1973, UKCA, CE-EMC, CE-GP, EN62619 ; UN38.3, MSDS

# Dimensions



| Model  | LV-BAT-W10.24Ac   |
|--|---|
| Nominal Voltage                              | 51.2V   |
| Rated Capacity                               | 200Ah   |
| Energy                                       | 10240Wh   |
| Charging Cut-off Voltage                     | 56.16V  |
| Discharge Cut-off Voltage                    | 45.6V   |
| Recommend charge/discharge current           | 100A  |
| Maximum continuous charge/discharge current  | 200A  |
| Instantaneous discharge current              | 400A/3S   |
| Charge temperature                           | 0~55°C  |
| Discharge temperature                        | -20~60°C  |
| Storage Environment<br>(50% state of charge) | 20°C ~ 45°C in three months;<br>25±3°C over three months; Humidity:65±20%RH |
| Environment                                  | Indoor/outdoor  |
| Installation                                 | Wall mounted or floor   |
| Cell Technology                              | Lithium iron phosphate (LiFePO4)  |
| Life Cycle                                   | 6000 times @90%DOD  |
| Cooling                                      | Natural convection  |
| Protection Rating                            | IP65  |
| Certificates                                 | CB, IEC62619, UL1973, UKCA, CE-EMC,<br>CE-GPDS, EN62619 ; UN38.3, MSDS      |
| Dimension and Weight                         |   |
| Dimension                                    | 800*590*142mm   |
| Battery Net Weight/Gross Weight              | 98KG/106KG  |
| Communication Instruction                    |   |
| Communication                                | RS232, CAN, RS485   |

