

ENERGY  
STORAGE



WALL MOUNTED LiFePO4 BATTERY

LB-51100-W

| Technical Data                              | LB-51100-W                                                             |
|---------------------------------------------|------------------------------------------------------------------------|
| Nominal Voltage                             | 51.2V                                                                  |
| Rated Capacity                              | 100Ah                                                                  |
| Energy                                      | 5120Wh                                                                 |
| Charging Cut-off Voltage                    | 56.16V                                                                 |
| Discharge Cut-off Voltage                   | 45.6V                                                                  |
| Recommend charge/discharge current          | 50A                                                                    |
| Maximum continuous charge/discharge current | 100A                                                                   |
| Instantaneous discharge current             | 200A/1S                                                                |
| Charge temperature                          | 0-55°C                                                                 |
| Discharge temperature                       | -20-60°C                                                               |
| Storage Environment(50% state of charge)    | 20°C-45°C in three months; 25±3°C over three months; Humidity:65±20%RH |
| Environment                                 | Indoor                                                                 |
| Installation                                | Wall mounted                                                           |
| Cell Technology                             | Lithium iron phosphate (LiFePO4)                                       |
| Life Cycle                                  | 6000 times @80%DOD                                                     |
| Cooling                                     | Natural convection                                                     |
| Protection Rating                           | IP65                                                                   |
| Certificates                                | CB, IEC62619, UL1973, UKCA, CE-EMC, CE-GPDS, EN62619 ; UN38.3, MSDS    |
| Dimension                                   | 520*470*141.5mm                                                        |
| Rated Capacity                              | 100Ah                                                                  |
| Battery Net Weight/Gross Weight             | 48.45KG/54.15KG                                                        |
| Communication                               | RS232, CAN, RS485                                                      |

Dimensions

