

VCLB-10K-W01

Capacity

51.2V 200Ah Single module

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 , UN38.3, MSDS, CE EMC UL1973,UL9540A

VCLB-10K-W01
Rechargeable Lithium Ion Battery



Technical Specifications

| | |
|--|---|
| Model | VCLB-10K-W01 |
| General Specification | |
| Nominal Voltage | 51.2V |
| Rated Capacity | 200Ah |
| Energy | 10240Wh |
| Battery Impedance | ≤ 50 mΩ |
| Charging Cut-off Voltage | 56.16 V |
| Discharge Cut-off Voltage | 45.6 V |
| Recommend Charge Current | 0.5C 100A |
| Max Charge Current | 0°C ~ 15°C: 40A; 15°C ~ 45°C: 100A |
| Max Continue Discharge Current | 200 A, -20°C~60°C ; 65±20%RH |
| Operating Temperature Range | -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/Floor stand |
| Cell Technology | Lithium-iron phosphate (LiFePO4) |
| Life Cycle | 6000 times @80%DOD |
| Cooling | Natural convection |
| Protection Rating | IP65 |
| Certificates | CB , UN38.3, MSDS, CE EMC UL1973,UL9540A |
| Dimension and Weight | |
| Dimension | 800*590*142mm |
| Battery Net Weight (Approx.) | 96.5kg |
| Communication Instruction | |
| RS232 | Only for debugging, BMS can communicate with the host computer through the RS232 interface, so that various information of the battery can be monitored through the host computer, including battery voltage, current, temperature, status and battery production information, etc. The default baud rate is 9600bps. |
| CAN | For monitoring battery status, with isolated CAN communication, the default communication rate is 500K |
| RS485 | RS485 is used in parallel, with dual RS485 interfaces, can view the PACK information, the default baud rate is 9600bps |