



# 51.2V 200Ah

## LONG LIFE LI-ION BATTERY

### SAFETY

- ♦ Long life type prismatic LiFePO4 cells, suitable for energy storage application.

### DESIGN

- ♦ -20°C~+60°C widely temperature range.
- ♦ Maintenance free.

### SCALABILITY

- ♦ Parallel support for more energy.
- ♦ Flexible and easily installation, rack mounted or wall mounted.

### BMS

- ♦ Independent protection for charge and discharge.
- ♦ SOC, SOH display and PC software for detailed operation.

| Model                                   |   |
|---|---|
| Nominal Voltage [V]                     | 51.2  |
| Nominal Capacity [Ah]                   | 200   |
| Total Energy [kWh]                      | 10.24   |
| Max. Charging Continuous Current [A]    | 150   |
| End Of Charging Voltage [V]             | 57.6  |
| Max. Discharging Continuous Current [A] | 150   |
| End Of Discharge Voltage [V]            | 44.8  |
| Dimension (W*D*H,mm)                    | 150*560*865   |
| Weight [Kg]                             | 83  |
| Protection Class                        | IP20/IP55   |
| Operation Humidity                      | 0~95%RH (No Condensing)   |
| Operating Temperature Range             | Charge:0~+55°C; Discharge:-20°C~+60°C   |
| Cycle Life                              | 5000 @25°C, 0.5C, 90%DOD, 80%EOL      6000 @25°C, 0.5C, 90%DOD, 70% EOL                     |
| Protection                              | Over Charge, over Discharge, Over Current , Over Temperature And Low Temperature Protection |
| MOFEST                                  | Automatic Cutting Out   |
| Communication Port                      | RS485 & CAN (Pack To Pcs), RS485 (Pack To Pack)   |
| Certification                           | UN38.3, MSDS  |
| Serial Support                          | No Support  |
| Parallel Support                        | Yes, Max 10 PCS   |
| Optional Parts                          | Heater  |
| Connecting Terminal                     | 180A, 4P  |
| Circuit Breaker                         | 125A, 2P  |
| Over-Charge Alarm & Protection          |   |
| Over-Charge Alarm                       | 3.5V(For Cell) 52.5V(For Pack)  |
| Over-Charge Protection                  | 3.65V(For Cell) 54.75V(For Pack)  |
| Over-Charge Protection Delay            | 1000ms  |
| Over-Charge Release                     | 3.45V(For Cell) 51.75V(For Pack)  |
| Over-Discharge Alarm & Protection       |   |
| Over-Discharge Alarm                    | 2.9V(For Cell) 43.5V(For Pack)  |
| Over-Discharge Protection               | 2.7V(For Cell) 40.5V(For Pack)  |
| Over-Discharge Protection Delay         | 1000ms  |
| Over-Discharge Release                  | 2.95V(For Cell) 44.25V(For Pack)  |