

# Li-Power 51.2V 200AH

## Overview

The Li-Power 51.2V200AH rechargeable lithium battery is optimized for low rate application which requires high energy density.

## Features

- LiFePO4 battery, more stable and safe .
- Intelligent BMS equipped inside to maintain the battery always work at best condition .
- Max charge and discharge current as 150A which is specially designed for solar energy .
- Build-in 1.2A equalizer can balance solar cell voltage difference as small as 0.05V in a very short time .
- Excellent standby self-consumption as low as 4mA .
- Automatically output cut off after 30days no charge and discharge to ensure security , also can cut off output by manual operation .
- Support energy storage inverter manufacturer BMS communication protocol: Deye, Growatt, Voltronic, GOODWE, PYLO, VICTRON, SMA, SOFAR .

## Battery Specification

| Nominal Characteristics             |   |
|-------------------------------------|---|
| Nominal Voltage /V                  | 51.2  |
| Nominal Capacity /Ah (25° C , 0.2C) | 200   |
| Mechanical characteristics          |   |
| Weight (approximate)/Kg             | 109.0   |
| Dimension L*W*H /mm                 | 1021*578*190                                  |
| Terminal                            | M8  |
| Electrical characteristics          |   |
| Voltage window/V                    | 44.8 to 58.4                                  |
| Float charge voltage/V              | 55.2  |
| Max. continue discharge current/A   | 100   |
| Max. pulse discharge current/A      | 150A 1Sec.                                    |
| Max. continue charge current/A      | 50  |
| Operating conditions                |   |
| Cycle life (+25°C 0.2C 100%DOD)     | > 6000 Cycles                                 |
| Operating temperature               | Discharge -10°C to 50°C<br>Charge 0°C to 50°C |
| Storage temperature                 | 0 to 30°C                                     |
| Storage duration                    | 6 months at 25°C                              |
| Safety standard                     | UN38.3,IEC62619,CE                            |
| IP Degree                           | IP20  |

