

**Features**

- High energy density
- High operation reliability
- 6000 cycles with 80% DOD
- Long Service Life
- Easy installation
- Compatible with most inverters which parameters can be custom set
- No unique cabling required

**Dimensions**

- Height: 650mm
- Width: 485mm
- Depth: 180mm

**Applications**

- Solar
- UPS
- Lighting
- Residential



SPECIFICATIONS	
Model	DC500RD
Capacity	100Ah
Weight	55kg
Nominal Voltage	48V
IP Level	IP20
Voltage Window (V)	40.5 – 54V
Charge Voltage (V)	54.0 – 54.8V
Charge – Discharge (A)	100
Charge Mode	CC-CV
Output Power (W)	5KW
Life Expectancy @ 25°C	>10 Years
Cycle Life (80% DOD @ 20°C)	>6000
Working Temperature	-20°C to 60°C

**Smart Battery Management System**

- Cell Voltage monitoring
- Charge/Discharge current monitoring
- Hardware Protection
- Temperature Monitoring
- Work Status Indication LCD
- PACK Voltage Monitoring
- Failure Alarm
- Parallel Connection
- Max Parallel <20 sets
- Discharge Control
- Charge Control

**Communication Function**

- Communication interface (RS232 & RS485)

