



## Features and Advantages

- Long Life CATL cells
- Aesthetic Design
- Easy and quick installation
- Configurable screen with access to all cell information
- Cell capacity LED indicator
- Large energy capacity at 10kWh with the ability to stack 16 cells in parallel
- High / low temperature protection in charge and discharge mode
- Over and under voltage protection in charge and discharge mode

# Specifications

## PRODUCT MODEL

DG-B-RM-24200

DG-B-RM-48100

DG-B-RM-48200

### Cell Pack Basic Parameter

Pack Nominal Voltage/V	25.6V	51.2V	
Max Charge Voltage/V	3.65V		
Cell Nominal Capacity/AH	200AH	100AH	200AH
Battery Pack Energy/KWH	5.12KWH		10.24KWH
Cell MAX Discharge Rate/ C	3.2		
Cell MAX Charge Rate / C	0.5		
Cell In Series	8	16	
Cell In Parallel	1		
Battery Pack Method	Laser welding		
DOD	80%		
Cycle Life <sup>[1]</sup>	6000 times		

### Battery Parameter

BMS Type	Software RS485/CAN		
Operating Voltage Range/V	22-29.2V	44 -58.4V	
Continuous Current/A	120A		
Charger Voltage(MAX)/V	29.2V	58.4V	
Type Current/A	100A		
Continuous Current(MAX)/A	110A		
Over Voltage/V	29.2V	58.4V	
Cell Under Voltage Alarm/V	2.800		
Cell Under Voltage Protection/V	2.700		
Charge Over Current Alarm /A	110		
Charge Over Current Protection /A	121		
Loader Detect	yes		
Short Circuit Current Protection /A	330		
Charging High Temperature Protection /°C	60		

### Interface

Battery Dimension	780*540*110	500*480*72	780*540*110
Net Weight	45±5KG		75±5KG
temperature protection	Discharging: 15-70 °C ; charging: 0 -60 °C		
Charge/Discharge Port	M8 bolt		
RS232	RJ25		
RS2485	RJ45		
CAN	RJ45		
LED Display	3.5 touchable		
Charge Limit	YES		
Battery Case Metal	Metal		
Battery Dimension	780*540*110		

[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80%Dod