



## VERTICAL BATTERY

- Long Life EVE cells
- Aesthetic Design
- Easy and quick installation
- Configurable screen with access to all cell information
- Cell capacity LED indicator
- Large energy capacity at 14.36kWh 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

## PRODUCT MODEL

DG-B-VB-48300

## Cell Pack Basic Parameter

Pack Nominal Voltage/V	51.2V
Max Charge Voltage/V	3.65V
Cell Nominal Capacity/AH	280AH
Battery Pack Energy/KWH	14.36KWH
Cell MAX Discharge Rate/ C	3.2
Cell MAX Charge Rate / C	0.5
Cell In Series	16
Cell In Parallel	1
Battery Pack Method	Laser welding
DOD	80%
Cycle Life <sup>[1]</sup>	6000 times
Warranty	5years

## Battery Parameter

BMS Type	Software RS485 /CAN
Operating Voltage Range/V	44-58.4V
Continuous Current/A	200V
Charger Voltage(MAX)/V	58.4V
Type Current/A	200A
Continuous Current(MAX)/A	240A
OverVoltage/V	58.4V

## Interface

Battery Dimension	465mm*235mm*707mm
Net Weight	125 ± 5KG
Charge/Discharge Port	M8 bolt
Cell Over Voltage Alarm/V	3.6V
Cell Over Voltage Protection resume /V	3.4V
Pack Over Voltage Protection /V	58.4V
temperature protection	Discharging: - 15 - 7℃ ; charging: 0 - 60 ℃

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