



Solar Energy Storage System

Lithium Battery

48V100Ah and 48V200Ah

Key Features

- ✓ **Space Saving**
Wall mounted and space saving design.
- ✓ **High Cycle Life**
6000 cycles @80% for effectively lower total of ownership cost.
- ✓ **Long Service Life**
Low maintenance battery with stable chemistry.
- ✓ **Smart Communication**
Smart BMS communication with Leading Solar Hybrid Inverter
- ✓ **Circuit Protection**
Built in protection for Over-Charge, Over-Discharge & Over-Temperature.
- ✓ **Communication Interface**
LCD display with communicate port CAN/RS485/RS323
- ✓ **Fast Charging**
Faster charging and discharging, suitable for Solar system
- ✓ **Extreme Heat Tolerance**
Suitable for use in a wider range of applications where ambient temperature is unusually high up to +60°C.

Performance may vary depending on application. All specifications are subject to change without prior notice to the user. This data is for evaluation purposes only. No guarantee is intended or implied this data. For clarification and updated information, please contact us.

DATASHEET

WALL MOUNTED ENERGY STORAGE SYSTEM

Model	DJDC 48V 100Ah-WM	DJDC 48V 200Ah-WM
Battery Type	LiFe Po4	
Nominal Voltage	51.2V	
Nominal Capacity	100Ah	200Ah
Energy	5120Wh	10240Wh
Communication	RS232/RS485/CAN	
Resistance	≤10mΩ	
Cycle Life	6000 cycles @ 80%	
Protection	BMS	
IP Degree	IP20	
Parallel Communication	08 Battery in Parallel	
Full Charge Voltage (FC)	58.4V	
Full Discharge Voltage (FD)	40V	
Rated Discharging Current	20A	40A
Max. Charge Current	100Ah	
Max. Discharging Current	100A	200A
Charge Voltage	58.4V	
Charge Current	40A	
Recommended Charging & Discharging Current	50A	
Standard Charge Method	0.2C cc (Constant current) charge to FC, cv (Constant voltage FC) charge till charge current decline to <0.05C	
Display	LCD	
Charge Temp. Range	0~45°C	
Discharge Temp. Range	-20°C~60°C	
Dimension, DxWxH (mm)	602x420x142 mm	600x440x290 mm
Net Weight (Kgs)	45	98

Dimension

