



**Solar Energy Storage System**  
Build-in Wi-Fi and Bluetooth Lithium Battery  
48V100Ah

**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**  
Touch LCD display with Bluetooth wifi connection and 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 or evaluation purposes only. No guarantee is intended or implied this data. For clarification and updated information, please contact us.

<b>Model</b>	<b>DJDC Wifi 48V 100Ah-WM</b>
Battery Type	LiFe Po4
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Energy	5120Wh
Cell Quantity	16 Cells
Communication	Wifi, Bluetooth, RS232, RS485 and CAN port
Resistance	≤35mΩ
Cycle Life	6000 cycles @80%
Protection	BMS
IP Degree	IP32
Parallel Communication Quantity	6 Battery
Full Charge Voltage (DC)	58.4V
Full Discharge Voltage (DC)	40V
Charging Passive Current Limit (A)	20A
Max. Charge Current	50A
Max. Discharging Current	100A
Charge Voltage	56.4V
Charge Current	40A
Recommended Charging & Discharging Current	50A
Standard Charge Method	0.5C cc (Constant current) charge, cv (Constant voltage DC) charge till charge current decline to <0.05C
Display	Touch Screen LCD display
Storage Temp. (°C)	0~40°C
Charge Temp. Range	0~45°C
Discharge Temp. Range	-20°C~60°C
Dimension, DxWxH (mm)	602x420x142 mm
Net Weight (Kgs)	51

**Dimension**

