



Solar Energy Storage System  
Lithium Battery  
12v100, 12V200Ah, and 24V100Ah

Key Features

**Display and Monitoring**  
Smart Display and Bluetooth app support for monitoring

**Service Life**  
6000 Deep Cycle.

**Voltage Hold**  
at around 12.8v-14.6V

**Operating temperature**  
Charge at 0°C - 45°C,  
Discharge at -20°C - 60°C

**Protection Level**  
IP66 Level Water Proof

**Charge and Discharge Capability**  
100% State of Charge (SOC) and  
100% Depth of Discharge (DOD)



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

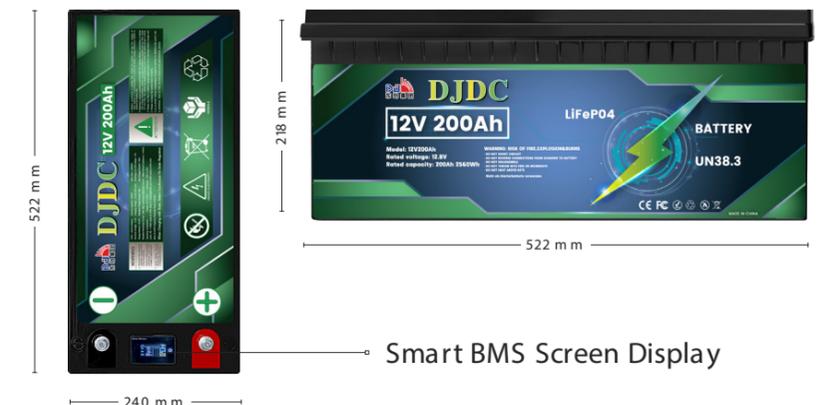
LiFePO4 Deep Cycle Battery

Model	DJDC 12V100AH	DJDC 12V200AH	DJDC 24V100AH
Nominal Voltage	12.8V		25.6V
Rated Capacity	100Ah	200Ah	100Ah
Battery Energy	1280Wh	2560Wh	
Recommend Charge Current	20A	40A	20A
Max Charge Current	100A	100A	50A
Max Continuous Discharge Current	100A	200A	100A
Resistance	≤10mΩ		≤18mΩ
Max Charge Voltage	14.6V		29.2V
Discharge Cut-Off Voltage	12V		24V
Charge Temperature Range	0-45°C		
Discharge Temperature Range	-20-60°C		
Recommend Charge Voltage	14.4V±0.2V		
Cell Type	LiFePO4 Prismatic A grade		
Certification	CE /FCC /ROHS /UN38.3 /MSDS		
Protection	BMS		
Communication Interference	Smart Display and Bluetooth		
Cycle Life	6000 Cycles @ 80%		
Terminal	M8, 9 / 16L, 5 / 16D (inch)		
Protection Level	IP66		
Battery Size (LxWxH) mm	328x172x214.5	522x240x218	522x240x218
Battery Weight (Kg)	10	20.3	20.5

Wide Applications

- ③ Solar Energy Storage
- ③ Recreational Vehicle
- ③ Off-Grid Systems
- ③ Trolling Motor
- ③ Golf Cart
- ③ Emergency Power Back-up
- ③ UPS
- ③ Portable Power

Dimension



Smart BMS Screen Display