



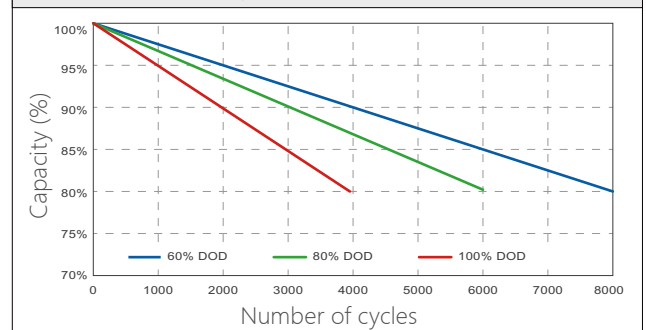
LFP48-100 48V100AH

Golf cart LiFePO4 battery

General Feature

- Easy to install.
- Real-time monitoring of battery data.
- Support fast charge.
- Built-in BMS system for battery life protection.
- Excellent safety: Adopt high grade A quality Lithium iron phosphate material.
- Acceptable customization.

Different discharge depth life curves @0.5C,25°C



Discharge Overcurrent Protection



Short Circuit Protection



Temperature Protection



Charging Overvoltage Protection



Discharge Undervoltage Protection



OC/OD Protection

Application

- Golf Cart
- Electric Tricycle
- Electric Forklift truck
- Multi-Functional Electric Food Truck
- Electric Motorhome
- Electric Bus
- Electric Bicycle
- Sightseeing Bus

Product Parameter

Available electricity	4.8kWh
Rated capacity	100Ah
Combination mode	15S1P
BMS configuration	15S100A
Rated voltage	48V
Operating voltage range	39V~54.75V
Rated charge and discharge current	50A
Peak current	100A Continue @150A 10s
Rated charging and discharging power	2.4kW
Peak power	4.8kW Continue @7.2kW 10s
Short-circuit current	0.36Ka@100us
Cycle life	≥6000 Cycle, 80%DOD, 25°C
Communication mode	CAN, RS485
Remote data	4G Module(Optional)
Weight	50±3%Kg
Dimensions (L*W*H) mm	670*405*190mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -20°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP65
Installation mode	Fixed on the frame
Power cable outlet mode	Flank
Other configuration	Electromotor

*1: Test conditions, cell voltage 2.6V~3.65V, the new battery at +25±2°C 0.5C charging and discharging, available power may vary by motor;

*2: Rated charge and discharge current and power will change due to temperature and SOC.

*Please note that all specifications are changed without notice.