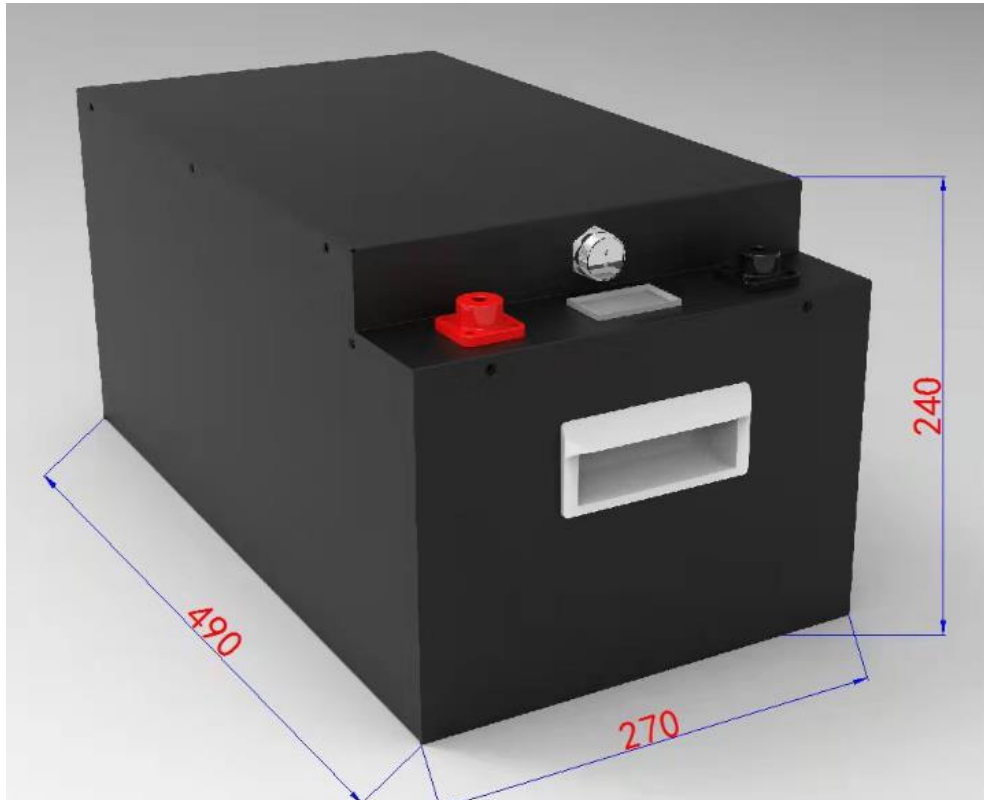

Specification for LiFePO4 Battery



■ Specification

12.8V 400Ah with Heating Function	
Cell Type	LiFePO4, Prismatic 200AH, 4S2P
Energy	5.12KWH
Nominal Capacity	400Ah
Nominal Voltage	12.8V
Voltage range	10.8V-14.6V
BMS (Battery Management System)	Built-in BMS-4S-200A with Heating Function
Charge Current	50A Standard / 200A Max
Continuous Discharge Current	200A
Peak Discharge Current	400A (2S)
SOC LCD Display	Voltage LCD screen
Communication Port	RS485
Battery Case	SPCC/Metal, Black
Dimension	L490*W270*H240mm (customizable)
Net Weight	Approx. 49kg
Operating temperature	Charging: 0°C- 60°C (Heating activated below 0°C) Discharging: -20°C- 60°C
Storage temperature	Around -20°C – 35°C
Standard environmental condition	Temperature: 25±2°C Humidity: 45-75%RH Atmospheric Pressure: 86-106 KPA
Cycle Life (@0.2C rate/25°C)	4000 times
Warranty (from shipping date)	36 months
Output Power (W)	2400W
Applications/Used at	RVs/Boats/Medical facilities/Power tools/Toys

■ Features

- # Environmentally friendly, High capacity, Light weight, No memory effect
- # Built-in BMS manage output power smartly and effectively and protects the battery against excessively high or low voltages, over-charged and over-discharged, short circuits
- # Support parallel connection to increase capacities
- # More than 4000 cycles @ 80% DOD, Lifespan over 10 years at 0.2C rate and 25°C temp
- # High energy density, low internal resistance, good high or cold temp performance

■ NOTICE before use

Before using the battery pack/packs, pls DO NOTE BELOW REMINDINGS:

Battery appearance visual check:

Carefully open the protective carton/wooden box Once batteries received.

Pls do check if the batteries with any scratches or impacted.

If everything goes well, pls go on.

If any, pls contact us at the very first time without any delay.

Do correctly connect the battery with Positive Pole and Negative Pole (usually Red + Black -).

Otherwise, short circuit would possibly happen due to wrong connection on +/- terminal.

Connection Use Notice:

Do keep the battery packs within 1.0VDC voltage difference if you are going to connect them in series or parallel. The smaller voltage difference (0.1V-1.0V) of the battery packs the better for batteries connection.

DO NOT discharge the battery pack till 0% Power which is not that good to keep longer life.

Pls charge the battery to 80% (100% would also be fine) and DO Recharge the Battery while they are discharged/used down to 20% Power.

DO Recharge the Battery Packs every 3 months if they are shelved/not used for long time.

Do not expose to, dispose of the battery in fire.

Avoid excessive physical shock or vibration.

Do not disassemble or deform the battery.

Do not immerse in water.

Do not use the battery mixed with other different make, type, or model batteries.