

12.8V 290Ah 3750Wh

Features of LiFePO4 Battery

Longer Cycle Life:

Offers up to 20times longer cycle life and five times longer float /calendar life than lead acid battery, helping to minimize replacement cost and reduce total cost of ownership.

Lighter Weight:

About 40% of the weight of a comparable lead acid battery.
A 'drop in' replacement for lead acid batteries.

Higher Power:

Delivers twice power of lead acid battery, even high discharge rate, while maintaining high energy capacity

Superior Safety:

Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit situation.

Increased Flexibility:

Modular design allows deployment of batteries connected in series for system voltages of 24V 36V and 48V

Discharge current	200A
Size LxWxH	345x190x245mm
Weight	24,5kg
Terminal	2xM8 terminal
Shell material	ABS Case



BMS Specification

Overcharge detection function
Over discharge detection function
Over current detection function
Temperature protection
Short detection function
Balance function



SPECIFICATION

Lithium Iron Phosphate (LiFePO4)

Nominal Voltage	12.8V	DOD	> 6000 times
Rated Capacity	290Ah	Discharge rate	1C
Energy	3750Wh	Peak current	400A
Cell Chemistry	LiFePO4	Self Heating	Optional
Built in Smart BMS	Yes	Cell Balance	Yes
Bluetooth monitoring for real-time	Yes	Charge Temperature	0 ~ +45°C
Charging cut-off voltage	14.6V	Discharge Temperature	-20 ~ +65°C
Disharging cut-off voltage	10V	Recommend Storage Temperature	-10 ~ 45°C
Max Charging current	200A	Max in Series	4PCS
Recommend Charging current	60A	Max In parallel	4PCS
Max continuous Disharging current	200A	Waterproof	IP67
Self Discharge	3%/per month	High Temperature discharging	Yes
Recommend Charge voltage	14.4V	High Temperature charging	Yes
Balancing Voltage	3.3V+0.03v/ cell	Discharge overcurrent protection	Yes
Short-circuit protection	Yes	Charge-overcurrent protection	Yes