



Product Manual

Model: EC4S2P200

Lithium Iron Phosphate Battery (LFP)

Voltage:12.8V Capacity:200Ah



Cautions :

- 1) Maximum of 48 Volts (Max 4pcs) new batteries can be connected in series
- 2) This batteries can't support parallel connection
- 3) Serial connection between old and new batteries is not supported
- 4) In serial connection our BMS can be used for 4 batteries. But if you need parallel application you have to connect the inverters in parallel – not batteries.

	Item	Parameter
Battery Pack Main Parameters	Nominal Capacity	200Ah
	Usable Capacity	200Ah
	Nominal Voltage	12.8V
	Energy	2560Wh
	Charge Voltage	14.6V
	Discharge cut-off voltage	10V
	Charge Method	CC/CV
	Standard Charge Current	15A
	Max. Charge Current	100A
	Standard Discharge Current	20A
	Max. Continues Discharge Current	100A
	Cycle Life	1500 times
	Internal Impedance	≤70mΩ
	Dimension	L521 x W267 x H219.5mm
	Weight	Approx. 28kg
Working Temperature Range	Charge: 0°C--45°C Discharge: -20°C--60°C	
Storage Temperature	-10°C--45°C	

Recommended Parameters for Inverter/ Charger

Battery number in series	Nominal Voltage	Charge			Discharge	
		Voltage		Current (Max)	Cut-off voltage	Current (Max)
		Bulk / Absorption	Floating			
1 S	12.8 V	14.6 V	13.6 V	100A	10 V	100A
2 S	25.6 V	29.2 V	27.2 V	100A	20 V	100A
4 S	51.2 V	58.4 V	54.4 V	100A	40 V	100A

Application:

- Solar system + Wind Power system
- Car Audio System
- Lighting equipment/ Emergency lighting equipment
- Fire alarm and security systems
- Telecommunication equipment
- Electric equipment and Telemeter equipment
- Wireless lawn mowers, vacuum cleaner and washing machine
- Toys and consumer electronics
- Portable power tools, measuring and medical equipment
- Portable video camera, portable personal computer
- Camper, Trailer, Caravan, Camping Truck, Bus, RV etc.

Contact Info

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