
LiFePO4 Battery Charger



This Lithium Iron Phosphate (LiFePO4) battery charger is technically advanced with a scientific charging parameter specifically set to charge and maintain LiFePO4 batteries, to safely achieve a 100% State of Charge, optimized to ensure the best performance and a long lifespan for your lithium batteries.

Product Picture



Specification

20 Amp Charger for 60V (52 – 73V) LiFePO4 Batteries	
Compatible with	LiFePO4 Battery
Working voltage (CV)	73.0Vdc
Working current (CC)	20A
AC voltage	100Vac-130Vac / 200Vac-260Vac
Frequency	50Hz-60Hz
Input connector/plug standards	US/EU/AU/IT/UK/CH/BR/IL/JP/ZA/IN optional
Input cable length	1.5m
Output cable length	1.5m
Output connector	Anderson/DC/XT60/XT90/M4-M10 Lug, etc..
LCD display	YES, shows voltage current and charging situation
Charger Case	Aluminum housing, with handle
Dimension	260 x 150 x 90mm
Net Weight	5.0kg
Waterproof	NO
Standard environmental condition	Ambient temperature: -20°C ~ +60°C
	Humidity: 5%-95%RH
	Max. altitude: 3000 meters
Power (W)	1500W
Warranty (from shipping date)	12 months

NOTICE before use

Please use the charger in accordance with the parameters and connections in the manual.

High voltage inside the case, may cause harm to the human body.

If the charger fails, please contact us. Opening the charger or disassembling the charger is prohibited and will void all warranties.

Charger should not be used where in damp, water, direct sunlight or near heat sources.

Charger should be used where clean and well ventilated.

Don't sheltered inlet or outlet during charging.

Make sure that both inlet and outlet have air space of at least 10cm.

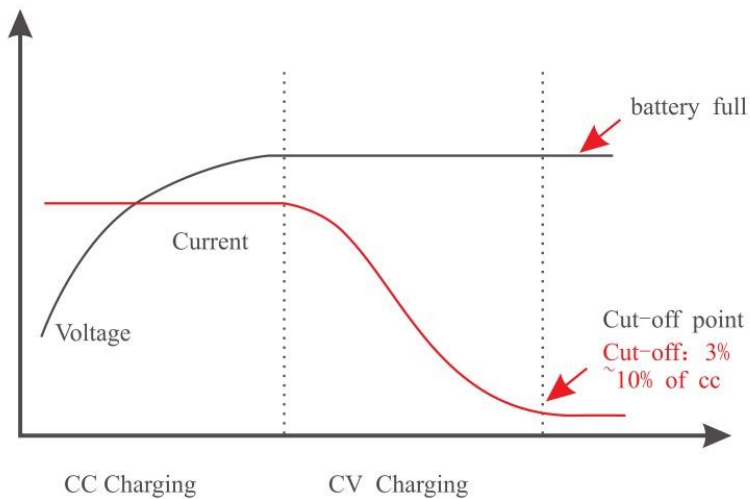
Charger should be used to prevent children closer and touch.

Is prohibited that the charger used or stored near flammable, explosive goods.

While cleaning the charger please do not wash with water.

We recommend using a clean rag dipped a small amount of alcohol.

Charge curve



Protection Characteristics

Output Over Voltage Protection

When the charger output voltage exceeds the maximum charging voltage, the charger enters the standby state protection. It will restore to normal working condition automatically after troubleshooting

Output Over Current Protection

When the charger output current exceeds the maximum charging current, the charger enters the over current protection status. It will restore to normal working condition automatically after troubleshooting

Short Circuit Protection

When the charger has short circuit at output, the charger enters short-circuit protection status. It will restore to normal working condition automatically after troubleshooting.

Reverse Polarity Protection

When the charger output positive negative pole and battery pack are connected in reverse, the internal relay of the charger is not sucked and there is no voltage current at the output terminal of the charger. After the correct connection, the charger can be charged normally.

Over-Temperature protection

When charger internal temperature exceed 85°C (+/-5) , it will be Into the over-temperature protection state and the cuts off output .When the temperature returns to 75°C (+/-5) , the charge is restored again.