


Warranty card		
Product name		
Repair history		
		
Date of service activity	Description of the activities performed	Signature and stamp of the repairer

INSTRUCTION MANUAL

EN



LiFePO4 chargers



Thank you for choosing our LiFePO4 charger.
 If you have any questions, please contact us
 With our technical support department.

Before using the product, read the instructions for use

Important information

1. The charger is designed exclusively for charging LiFePO4 batteries.
2. Make sure the battery and charger are compatible before use.
3. Be careful when connecting and handling to avoid short circuit or damage to equipment.

Technical specifications							
Name	Input voltage (AC)	Power (W)	Output voltage (V)	Output current (A)	Dimension [mm] L W H.	Weight [kg].	IP
PL600W	200-240V	600	14,6	30	208 x 120 x 70	2.5kg	IP20
			29,2	20			
			43,8	12			
			58,4	10			
			73	8			
			87,6	6			
PL900W	200-240V	900	14,6	50	222 x 134 x 70	3kg	IP20
			29,2	30			
			43,8	20			
			58,4	18			
			73	12			
			87,6	10			
PL1200W	200-240V	1200	14,6	50	263 x 150 x 90	4.3kg	IP20
			29,2	40			
			43,8	25			
			58,4	20			
			73	15			
			87,6	12			
PL1500W	200-240V	1500	14,6	80	293 x 150 x 90	5kg	IP20
			29,2	50			
			43,8	30			
			58,4	25			
			73	20			
			87,6	16			
PL2000W	200-240V	2000	14,6	90	303 x 150 x 90	5.5kg	IP20
			29,2	60			
			43,8	40			
			58,4	30			
			73	25			
			87,6	20			
PL2500W	200-240V	2500	14,6	100	303 x 150 x 90	5.5kg	IP20
			29,2	65			
			43,8	45			
			58,4	38			
			73	30			
			87,6	23			
PL3000W	200-240V	3000	14,6	100	350 x 200 x 180	5kg	IP20
			29,2	68			
			43,8	50			
			58,4	40			
			73	30			
			87,6	25			
PL1500W	200-240V	1500	14,6	55	310 x 230 x 101	6kg	IP65
			29,2	50			
			43,8	30			
			58,4	25			
			73	20			
			87,6	16			

Preparation for use

1. Checking the battery:

- Make sure the battery is in good working condition. Check the charge level and the absence of mechanical damage.

2. Location of the charger:

- Place the charger on a flat, stable surface. Avoid damp or dusty areas.
- Ensure adequate airflow around the device.

Charging instructions

1. Connecting the charger:

- Plug the charger's power cord into an electrical outlet (110-240V AC).

2. Connecting to the battery:

- Connect the red wire to the positive (+) terminal of the battery. Connect the black wire to the negative (-) terminal of the battery.
- Make sure the connections are stable and secure.

3. Start of charging:

- Turn on the charger with the power button.
- The charger will automatically start the charging process and adjust the parameters to the LiFePO4 battery.

4. Process monitoring:

- The charger's display will show information about voltage, current and charge level.
- If an abnormality is detected, the charger will automatically stop the charging process.

5. Completion of charging:

- When the charging process is complete (100% on the display), turn off the charger.
- Disconnect the wires in reverse order: first the black, then the red.
- Unplug the charger from the electrical outlet.

Safety rules

1. Never connect damaged batteries.
2. Do not leave the charger unattended during operation.
3. Avoid contact of wires with metal surfaces.
4. Regularly clean the connectors of the charger and battery pack to ensure proper current flow.
5. In case of technical problems, immediately turn off the device and contact the service center.

Maintenance and storage

- Store the charger in a dry and cool place.
- Do not expose the device to extreme temperatures or moisture.
- Regularly check the condition of the wires and housing.

Troubleshooting

Problem	Possible cause	Solution
Charger does not turn on	No power supply	Check the connection to the outlet.
No battery charging	Reverse polarity	Check wire connections.
Overheating of the device	Blocked airflow	Provide better cooling.