

CAUTION

1. **SAVE THIS INSTRUCTIONS-** This manual contains important safety and operating instructions for the EP6012L/F battery charger.

Please read the caution of batteries or devices you want to charge firstly!

2. When charging, batteries can emit explosive gases, therefore it is essential to prevent flames and sparks. The charger is designed for charging

Li-Ion/LiFePo4 batteries from 9.6V to 14.8V. Do not use for any other purpose.

3. Always provide good ventilation when charging.

4. Use of an attachment not recommended or sold by may result in a risk of fire, electric shock or serious injury to persons.

5. To reduce risk of damage to electric plug and cord, pull by the plug rather than by the cord when disconnecting charger.

6. An extension cord should not be used unless absolutely necessary. Use of an improper extension cord could result in a risk of fire and electric shock. If extension cord must be used, make sure that: a) Pins on plug of extension cord are the same number, size and shape as those of plug on charger; b) Extension cord is properly wired and in good electrical condition; and c) Wire size is large enough for ac ampere rating as specified in "technical data".

7. Do not operate charger with a damaged cord or plug-return the charger to the place where purchased.

8. Never operate the charger if it has received a sharp blow, been dropped or otherwise damaged in any way; take it to a qualified serviceman.

9. Do not disassemble the charger; take it to a qualified serviceman when service or repair is required. Incorrect reassembly may result in a risk of electrical shock or fire.

10. To reduce risk of electric shock, unplug charger from AC outlet before attempting any maintenance or cleaning. Turning off controls will not reduce the risk.



Smart 14.4V 4A 4S LiFePO4 Battery Charger

7~24AH - 4LEDs charging indicator 25%~100%

USER MANUAL

Suitable for 16Ah & 22Ah Maxi Power Lithium Batteries only



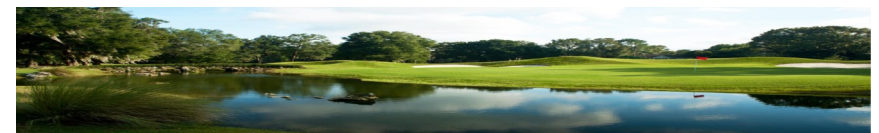
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Smart 14.4V 4A 4S LiFePO4 battery charger

Features:

- New technology perfect for charging LiFePO4 Lithium battery pack
- Fully auto 3 stages charging process by MCU controlled
- Automatically charging ending with Cut-Off output
- Small current PR-charge and constant big charging current for faster charging, optimized for battery pack's cycle life .
- 4 LEDs fuel gauge indicate the battery capacity from 25%~100% timely.
- 100V-240V AC input for worldwide power support.

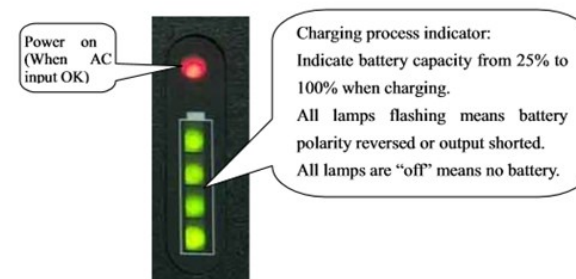
Safety protections:

- Over Voltage protection
- Short Circuit protection
- Polarity error protection
- Over power protection
- When the charger is charging, the battery capacity from 25% to 100% indicated by 4 LEDs:
- Power on----Red LED
- 4 LEDs---- Green LED (indicate the battery capacity 25% to 100%)

For use on 16A/h & 22A/h Maxi Power Lithium Batteries Only



Display Panel



How to use:

1. Connect the AC cord to the socket, The "power" lamp will light on solid.
2. Connect positive charger clip (red) to positive battery terminal, the black clip to negative. (You can use other dc plugs to connect battery), the "25%~100%" lamps will light on flowing. If the battery polarity reversed or output shorted, 4 lamps will flash—fault - please check the setup.
3. Depend on the charged capacity, 25%~100% lamps will lights up solid sequence, until the battery is fully charged. Then you can power off the charger and disconnect the battery or you can charge a new battery if you need.

Specification:

- Input: AC 100-240V 50-60Hz 1.0A
- Output: DC 14.4V - Charging current:4A - Weight: 350g(body only)

Warning:

- Charge 12.8V 4cells LiFePO4 rechargeable battery **only**.
- Do not expose the product to rain or humidity to prevent from electric shock.
- It is normal if the product gets slightly hot when using/charging.
- Keep the product out of children's reach at all times.
- Don't remove the cover Warranty will be void.