

AUTOMATIC SMART CAR BATTERY CHARGER



WARNING!

Read all safety warnings and all instructions.

Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

SAFETY INSTRUCTIONS

1. Observe all safety instructions to avoid damage through improper use! Follow all warning on the appliance.
2. Keep this instruction manual for future use. Should this appliance be passed on to a third party, then this instruction manual must be included.
3. No liability will be accepted for damage resulting from improper use or non-compliance with these instructions.
4. Only use this appliance for its intended use. This appliance is intended for indoor use only.
5. Before connecting the appliance to the power supply, check that the power supply voltage and current rating corresponds with the power supply details shown on the appliance rating label.
6. Never use a damaged appliance! Disconnect the appliance from the wall outlet and contact your supplier if it is damaged.
7. (Danger of electric shock!) Do not attempt to repair the appliance yourself. In case of malfunction, repairs are to be conducted by qualified personnel only.
8. To avoid damaging the cord, do not squeeze, bend or chafe it on sharp edges. Keep it away from hot surfaces and open flames as well.
9. Lay out the cord in such a way that no unintentional pulling or tripping over it is possible
10. Warning! During cleaning or operation do not immerse the electrical parts of the appliance in water or other liquids. Never hold the appliance under running water.
11. Do not open the appliance casing under any circumstances. Do not insert any foreign objects into the inside of the casing.
12. Disconnect the power adapter from the wall outlet when not in use and before cleaning

1. The charger is controlled by MCU.
2. It can recognize 6V or 12V itself, and show the voltage by the right LED;
3. Three current can be choose, 2A/3.5A/4A. Press the button can choose different current.
4. It have three stage charging style, to maintain the life of the battery.
5. It automatically shows the charging stage by Led;
6. After fully charged, it will maintain the battery.

Charging stage

- a) Connecting the power, the LED of "power" will turn on;
- b) After connecting the power, it will recognize the voltage automatically. It will turn on the LED of "6V" or "12V".
- c) It will start charging, the RED LED will turn on, that means charging by stable current.
- d) When it charged around 80%, the Yellow LED will burn on. That means the voltage of 6V reach 7.2V; or 12V reach 14.4V.
- e) After the voltage reach 7.2V in 6V or 14.4V in 12V, that is finished first stage charging. Then it is changed from stable current to stable voltage. It will start charging automatically by stable voltage.
- f) After the battery is fully charged, the green LED will be turned on. Meanwhile it is in the stage of maintains, to charge the battery in very small current to maintain the battery well.

How to choose the current stage:

Normally it can choose the current stage according the capacity of the battery.

Stable current, usually need around 10 hours to fully charged the battery is better for the life of the battery. To charge the battery in large current will damage the battery, and make the short life of the battery.

The way to calculate: Charging current = battery capacity / 10 hours.

Ex: 20AH/10H=2A

That means can choose the current in 2A to charge the battery.

OPERATING INSTRUCTIONS

If you want to charge the battery faster, you can increase some current. You can choose the right current in different situation.

TECHNICAL PARAMETER

	TMX2744
Mains voltage	V~ 230
Mains frequency	Hz 50
Voltage	6V (in 5-40AH battery) 12V (in 5-120AH battery)

ENVIRONMENT



Disposal

Your product, accessories and packaging should be sorted for environmental-friendly recycling.

Only for Ce countries

Do not dispose of power tools into domestic waste. According to the European Guideline 2002/96/EC for Waste Electrical and Electronic Equipment and its implementation into national right, power tools that are no longer usable must be collected separately and disposed of in an environmentally friendly way.



Importer / Distributor:
GLOBAL EXPORT – IMPORT LTD.
H-1151 BUDAPEST SZEKELY E. U. 11.
COUNTRY OF ORIGIN: CHINA
www.global-export-import.eu