

INTELLIGENT BATTERY CHARGER



TGR-BT-CHG-10A – Suitable for Lead-Acid, Lithium & LiFePO4

Features:

- Suitable for 12V or 24V Lead Acid, Lithium or LiFePO4 Batteries
(Lead Acid charging includes AGM, GEL, SLA, VRLA, EFB)
- Safety Approved and supplied with UK power cord
- Rated at 10 amp at 12V / 5 amp at 24V
- (20 amp & 35 amp models available in this range)
- 4 modes - select between Lithium, AGM/Lead Acid, LifePo4 or repair mode
- Automatically adjusts charging voltage to prevent over/ under charging
- Adjustable charge current to suit wide selection of battery ratings
- Repair mode adopts pulse technology for automatic desulfur
- Auto detect voltage and battery health
- Trickle charge function for battery maintenance



LARGE LCD DISPLAY KNOW THE CHARGING STATUS



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4 MODES SELECTABLE

Three current levels modes and one repair mode for choice,
one key to select the mode.

OUTPUT CURRENT:
12V Max:10A/24V Max:5A

INPUT POWER:
Max:120W

AC INPUT VOLTAGE:
100-240V-50/60Hz

MOTORCYCLE

1A-3A

STD

1A-10A

AGM/GEL...

1A-10A

REPAIR

Increase the battery health status or activate the battery.

TIGER POWER PRODUCTS – QUALITY & RELIABILITY

This specification is not for general release or circulation. Tiger Power reserves the right to make changes to spec. or product without notice or liability. All information is a guide only. Tiger Power Supplies cannot be held responsible for use of this and it is recommended a professional electrician should be consulted

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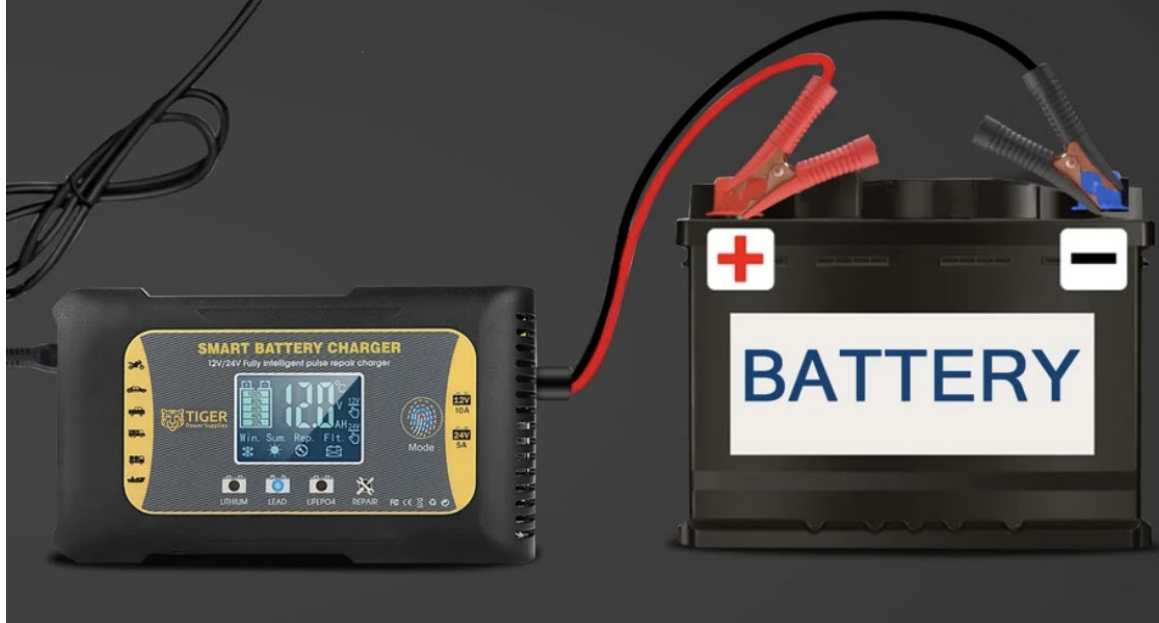
Easy to use

Connect the battery, plug in the power supply, select the mode, and it will automatically charge



1 Red clip to clamp battery positive
Black clip clip battery negative

2 Plug in the 240V
power supply to start charging



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WARNING

1. The charger is designed for 12V and 24V Lithium, Lead-acid, LiFePO4 batteries.
2. Check battery specifications before using.
3. Provide ventilation to prevent flames and sparks.
4. Do not expose charger to the sun, or under high temperature environment.
5. Battery acid is corrosive. Rinse immediately with water if acid comes into contact with skin or eyes.
6. Do not charge a frozen or damaged battery.
7. Do not charge non-rechargeable batteries.
8. Do not place the charger on the battery while charging.
9. Be extra cautious to reduce risk of dropping a metal tool on the battery. It might spark or short-circuit battery or other electrical part that may cause explosion.
10. When working with a lead-acid battery, remove personal metal items such as rings, bracelets, necklaces, watch...
11. Do not smoke or allow a spark or flame while charging.
12. In order to reduce risk of electric shock, unplug charger from AC outlet before doing any maintenance or cleaning.
13. Not intended for children and anyone unable to follow the user manual.

10A CHARGER

12V 24V BATTERY CHARGER AND MAINTAINER



CE FC UK PS RoHS



Made in China

INSTRUCTION MANUAL

TECHNICAL SPECIFICATIONS

AC Input Voltage	100-240V~50/60Hz
Output Power	Max:120W
Output Voltage	12V/24V
Output Current	12V Max:10A / 24V Max:5A
Battery Type	Lithium, LiFePO4, Lead-acid[AGM, GEL, SLA, Flooded, WET, EFB, etc..]

INTERFACE DESCRIPTION

- Winter mode indicator (external temperature below 10°C or 50°F).
- Summer mode indicator (external temperature above 28°C or 86°F).
- Motorcycle mode is recommended for small current charging (Max charging current 3A).
- STD Standard Batteries Mode For SLA, WET, DEEP CYCLE, EFB, Calcium... Batteries.
- AGM Standard Batteries Mode, AGM, GEL, lithium, LiFePO4... Batteries.
- Repair mode. The maximum repair time is 24 hours. Only for lead-acid batteries. Can not repair badly damaged batteries.
- Charging level indicator.
- Mode selection.

SCREEN ICON DESCRIPTION

 Battery Real-time Voltage	 Standby	 Repair process ended
 Low Voltage	 Battery Full	 Charger inside temperature
 Charging Current	 Charging Capacity	
Wrong polarity, please change the connection of the clamps.		

FEATURES

1. Supports Lithium, Lead-acid (AGM, GEL, SLA, Flooded, WET, EFB, etc.) and LiFePO4 battery.
2. Fully automatic microprocessor control. 10-stage charging program provides the best and most efficient battery charging.
3. Charging voltage automatically adapts to temperature to prevent over- or under-charging.
4. With repair function to repair old, weak and idle batteries.
5. With overcharge protection, reverse polarity protection, short circuit protection, sparks free contact, etc.
6. The charger has auto-memory function and will return to the last mode when connected.