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Clarke INTERNATIONAL

For spare parts and servicing, please contact your nearest dealer, or Clarke International on

020 - 8988 - 7400

e-mail: Parts@clarkeinternational.com e-mail: Service@clarkeinternational.com

Clarke[®]

12V BATTERY CHARGER



Model No. ATC12V

Part No. 6266010



1201

Thank you for purchasing this CLARKE 12 volt Battery Charger, ideally used for trickle charging 12 volt lead acid batteries.

Please read this leaflet thoroughly before use, and follow all instructions given. This will not only provide protection for yourself and that of others around you, but will also ensure that the Battery Charger will give you long and satisfactory service.

GUARANTEE

This CLARKE product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt as proof of purchase. This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

SAFETY PRECAUTIONS

- This Battery Charger is designed for INDOOR use ONLY. Do not use outdoors, exposed to the elements.
- This Battery charger is for charging 12V Lead-Acid type batteries only. Do not use for any other type of battery, or supply power to low voltage electrical systems.
- Ensure the voltage of the battery being connected is the same as the output voltage of the charger.
- Do not operate charger if any of the cables are damaged. Consult your Clarke dealer for repair or replacement of the parts.
- Do not operate charger if case is damaged. Consult your Clarke dealer or a qualified person for inspection and repair.
- Do not attempt to disassemble the charger.
- Ensure the battery posts and battery clamps are perfectly clean before use.
- Connect the charger clamps to the battery terminals **BEFORE** plugging in to the mains power supply.
- Disconnect from mains power supply **BEFORE** making or breaking connections to the battery.
- Make sure the battery is topped up with distilled water, to its proper level, **BEFORE** connecting the charger.
- Unscrew the battery filler caps fully, and leave them loose for the duration of charge, to ensure that gases are allowed to escape freely.

NOTE: ALWAYS clean around the filler caps thoroughly before unscrewing, to ensure that no dirt can enter the battery cell. Ensure the breather holes, in the caps, are perfectly clear before screwing in again.

- When charging a battery which is still connected to the vehicle, always connect the RED, (+ve) clamp to the unearthed battery terminal first, then connect the BLACK, (-ve) clamp to the chassis, away from the battery and fuel line.

IMPORTANT: Read your vehicle handbook to determine whether or not any special precautions are to be taken before attempting to charge a battery whilst it is still connected to the vehicle.

- When charging is complete, disconnect supply, chassis conductor and battery conductor **in this order**.
- Always place the charger in an environment which is :-
 - well ventilated
 - out of the reach of children
 - not exposed to direct sunlight or heat source
 - not exposed to rain or other adverse conditions
 - away from water / moisture, oil and grease
 - away from explosive gases, flames, and sparks
 - away from any flammable substance

FEATURES

The 12V battery charger comprises a transformer which plugs directly into a domestic, 230V electrical supply. The clamps are identified by RED and BLACK sleeves. RED is the POSITIVE lead, BLACK is the NEGATIVE lead.

OPERATION

Clean around the battery filler plugs, before removing them and topping up with distilled water where necessary. Then, observing ALL precautions previously stated, and ensuring the transformer **IS NOT** plugged into the mains supply, connect the RED (+ve) clamp to the NON-EARTHED battery terminal (usually the RED, positive terminal), then, having ensured it is firm and secure, attach the BLACK clamp to the earthed terminal.

Plug the transformer into the mains supply and switch ON. The LED, on the transformer will glow, indicating that charging is taking place. **The maximum charge rate is 800mA.** When the charging rate is reduced to less than approximately 200mA, charging ceases and the LED will extinguish.

NOTE: If the LED does not extinguish, this is an indication that the battery is defective, or in poor condition.

When charging is complete, remove the BLACK clamp from the earthed terminal first, followed by the RED clamp from the unearthed terminal.

Check the electrolyte level once more, topping up where necessary, before replacing the filler caps.

SPECIFICATIONS

Voltage 230V, 50Hz, 1Ph

Max. Output 12V>500mA continuous

Max. Current 800mA

SPARE PARTS

The following parts are available from your Clarke dealer



	Part Number
1 Clamp	HTATC12V01
2 Black Sheath	HTATC12V02
3 Red Sheath	HTATC12V03

For Spare Parts and Service, please contact your nearest dealer, or CLARKE International, on one of the following numbers.

PARTS - 020 8558 6696
SERVICE - 20 8556 4443
PARTS & SERVICE FAX - 020 8558 3622

E-mail
Parts@clarkeinternational.com
Service@clarkeinternational.com