

RSC1010

ULTRACHARGE 10A

SMART BATTERY CHARGER

With battery maintenance, alternator tester
and battery repair



<https://www.ringautomotive.com/en/battery-care>


12V/24V
Voltage


Clamps


O-Ring
connectors


IP65
Weatherproof


Motorcycle


Car


Van

**INNOVATION
ON THE MOVE**

ULTRACHARGE 10A

SMART BATTERY CHARGER



Warnings

DANGER! BE AWARE, LEAD-ACID BATTERIES GENERATE EXPLOSIVE GASES DURING NORMAL BATTERY OPERATION. FOR THIS REASON, IT IS VERY IMPORTANT TO READ AND FOLLOW THESE INSTRUCTIONS CAREFULLY, EACH TIME YOU USE THE CHARGING EQUIPMENT.

WARNING! Modern vehicles contain extensive electronic systems. You are required to check with the vehicle manufacturer, for any specific instructions regarding the use of this type of equipment on each vehicle.

Charge in a well-ventilated area.

DO NOT operate near flammable liquids or gases.

DO NOT touch the clamps together or allow to touch the chassis.

DO NOT connect the clamps via another metallic object.

DO NOT cross connect power leads from charger to battery. Ensure positive (+/RED) is connected to positive and negative (-/BLACK) is connected to negative.

DO NOT pull the cables or clamps from the battery terminals.

DO NOT pull or carry the charger by the power cable.

DO NOT pull the plug from the socket by the cable.

DO NOT use worn or damaged cables, plugs or clamps. Any faulty item should be immediately repaired or replaced by a qualified technician.

DO NOT use the charger for a task for which it is not designed.

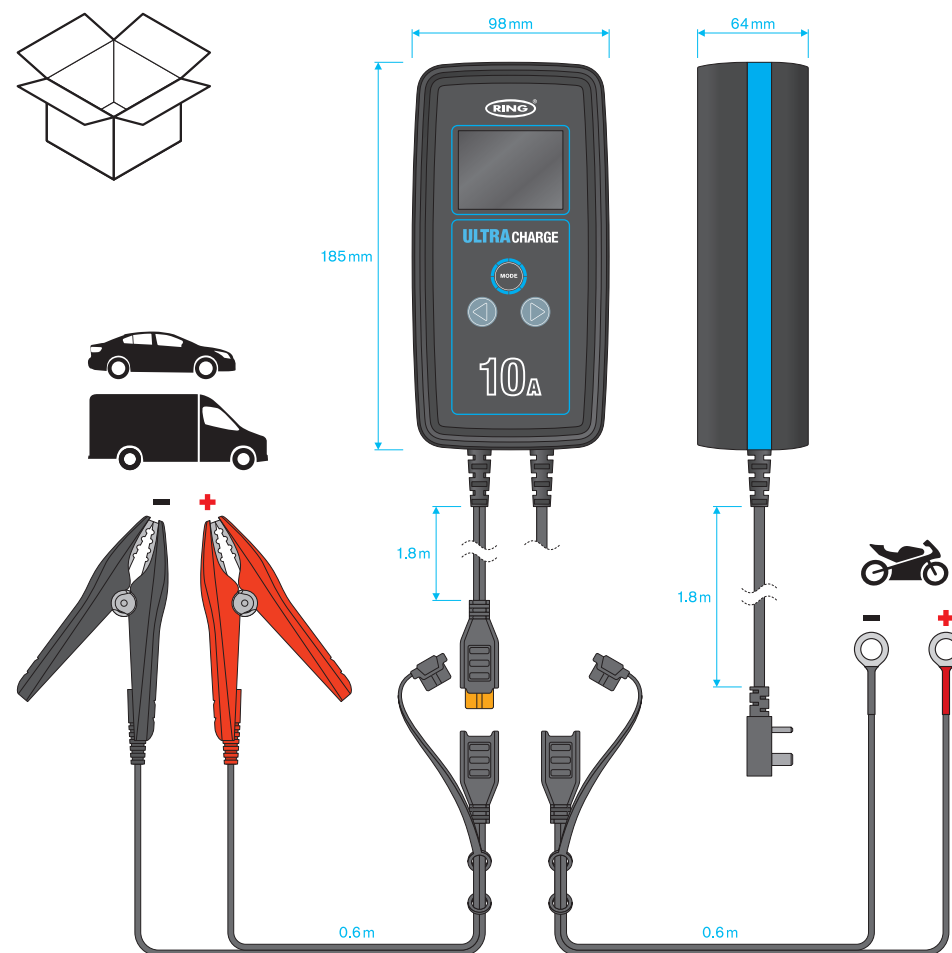
DO NOT cover or obstruct the charger ventilation louvres or fan.

DO NOT at the same time charge batteries of different capacities or discharge levels.

For list of General Power Tool Safety Warnings please scan the QR code or visit:
www.ringautomotive.com/en/product-safety-documents

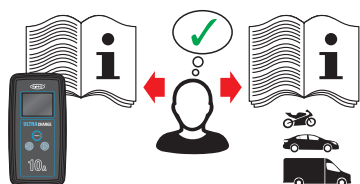


Voltage Output	12 V / 24 V DC
Voltage Input	220-240 V AC
Charger Rate	Up to 10 A
Battery Type	Lead Acid, Gel, Calcium, AGM, EFB, LiFePO ₄
Max Battery Capacity	230 Ah, Maintains all battery sizes
Min Battery Capacity	7 Ah

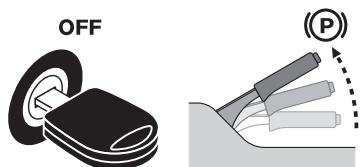


ULTRACHARGE 10A

SMART BATTERY CHARGER



Read this instruction manual and check your vehicle handbook before use.



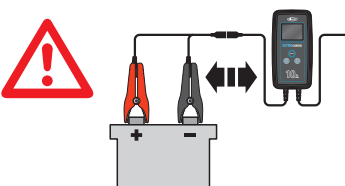
Ensure the engine is turned off and the handbrake is applied.



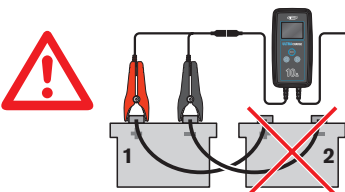
Protective glasses and gloves are recommended.



Suitable for all main vehicle battery types.

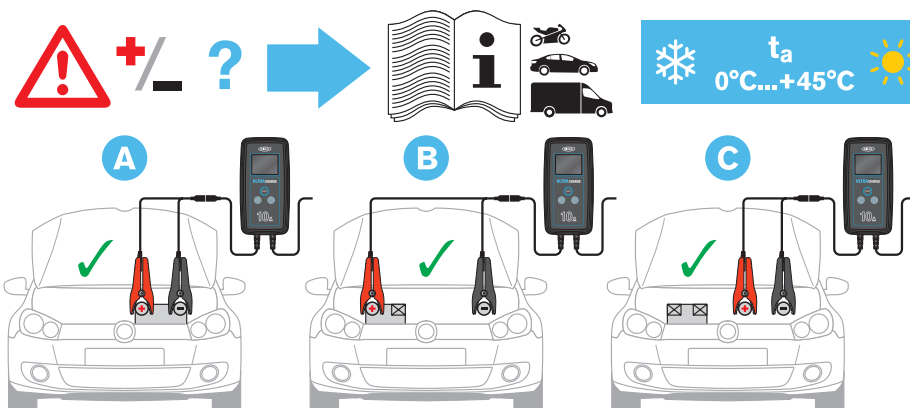


Do not position the charger on the battery when charging.

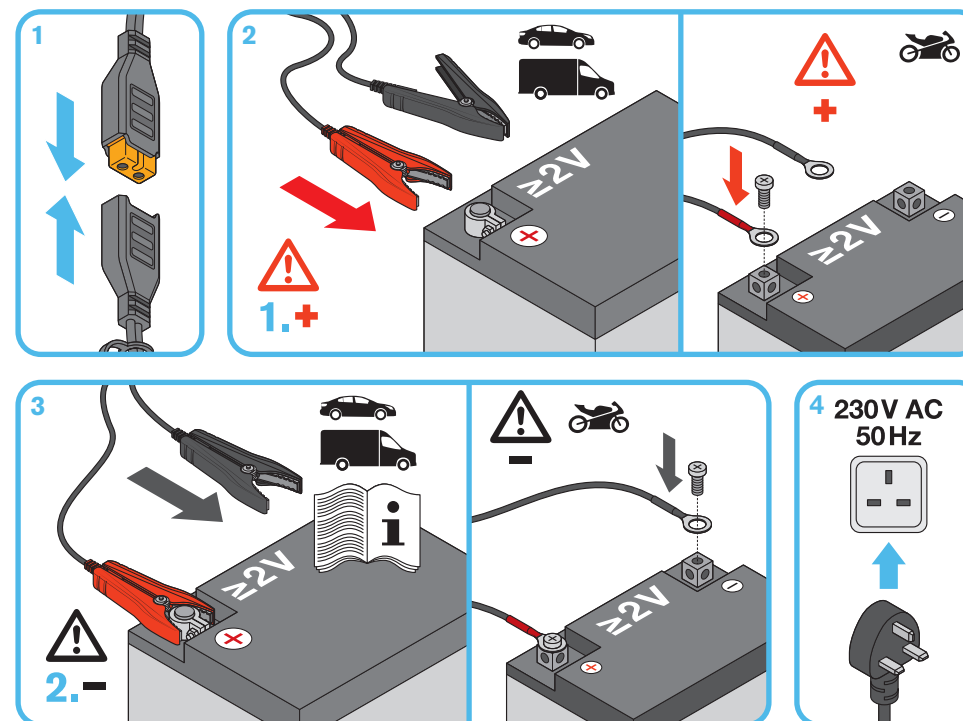


Linked batteries should not be charged.

Refer to your vehicle handbook for the battery connection points.
Operating temperature is -20 to +45°C.



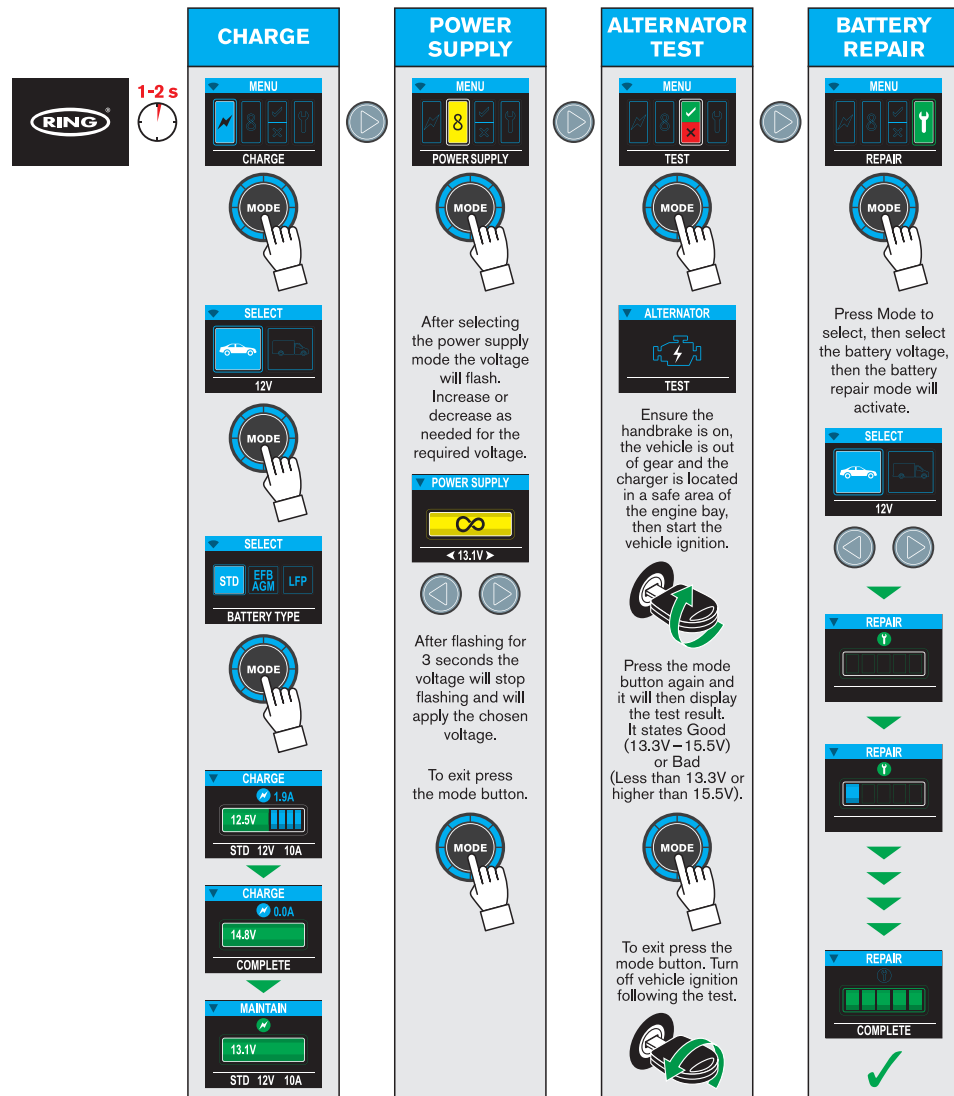
Attach clamps or O-rings. Attach red clamp to positive battery terminal. Attach the black clamp to negative contact point. Plug the charger into the mains socket and turn the power on.



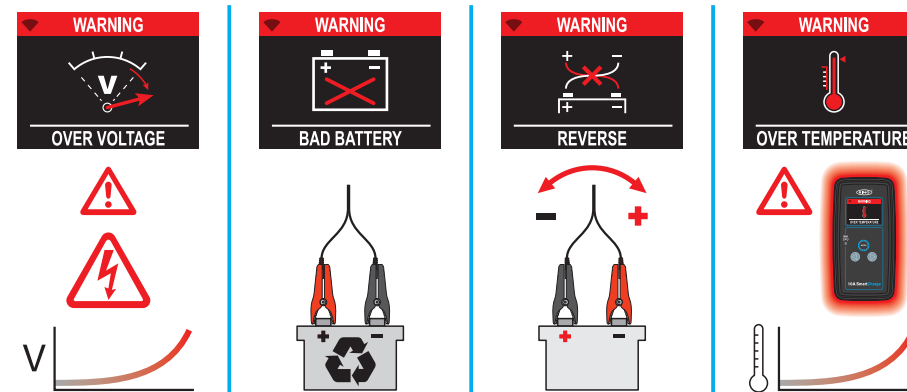
ULTRACHARGE 10A

SMART BATTERY CHARGER

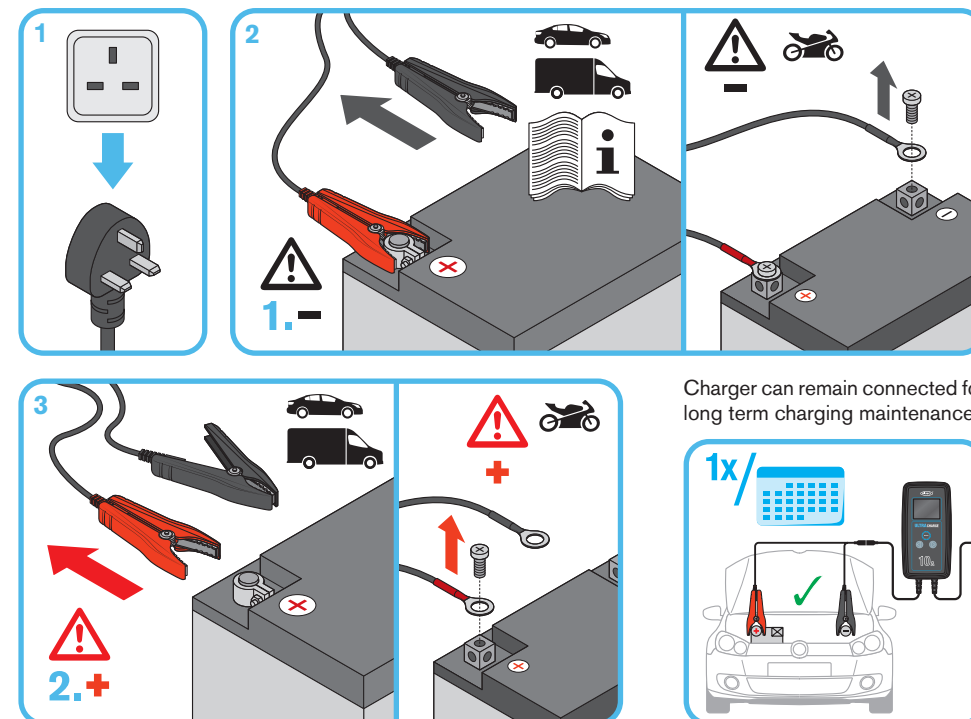
Press the mode button to cycle through the Charge, Power Supply, Alternator Test and Battery Repair modes. After selecting the charge mode, then select the vehicle voltage and the battery type. The charger will then start the charging process. After charging is complete it will start the maintenance mode for long term use. If the battery is fully charged in 10 minutes or a large drop in voltage is detected, then the charger will automatically enter repair mode to improve the battery condition.



If the charger is incorrectly connected or is used on bad battery, then a warning will be shown.



After use unplug from mains, disconnect the negative clamp, then disconnect the positive clamp.



RSC1010

ULTRA CHARGE 10A

SMART BATTERY CHARGER



Do not use
in extreme heat



Do not use
in extreme cold



No drinks/liquids



No smoking/vaping



Keep away from children



Do not drop



Do not expose
to moisture



Do not charge
a frozen battery



Do not touch
clamps together



Keep away from
tools and jewellery



Do not damage cables



Do not use
with damaged cable



Keep cables away
from moving parts



Do not carry by cables



Risk of fire



Risk of
electric shock



Risk of
hazardous materials



Use in a well
ventilated area



Battery may
emit fumes



Surrounding items
may emit fumes

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. For indoor use only. Charging only rechargeable Batteries. Disconnect the supply before making or breaking the connections to the battery. **WARNING: Explosive gases.** Prevent flames and sparks. Provide adequate ventilation during charging, the battery must be placed in a well ventilated area. **WARNING: Use of unauthorized parts or failure to follow maintenance Instructions may create a risk of electric shock or injury.** File instructions for future reference. Store the manual in a safe place.



Refer to
instructions



Class 2 Insulated Appliance



UK
CA
UK
Conformity
mark



CE
EU
Conformity
mark



WEEE (Waste Electrical
and Electronic
Equipment Directive)



Do not open



Do not cover

Imported in the EU by
OSRAM GmbH
Nonnendammallee 44
13629 Berlin
Germany
automotive-service@osram.com
www.osram.com



Batch code: **XX/XX**
C10449058
G15142853
28.07.25

Manufactured & Imported in the UK by
Ring Automotive Limited
Volvox House, Gelderd Road,
LEEDS, LS12 6NA,
UNITED KINGDOM
Telephone +44 (0)113 213 2000
Fax +44 (0)113 231 0266
Email autosales@ringautomotive.com
www.ringautomotive.com