

RSC1002

ULTRACHARGE2A

SMART BATTERY CHARGER

With battery maintenance

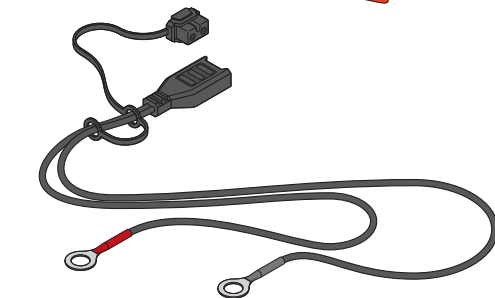
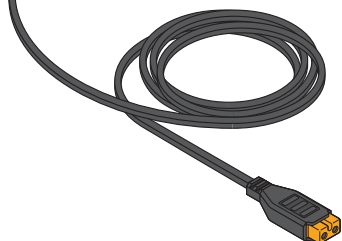
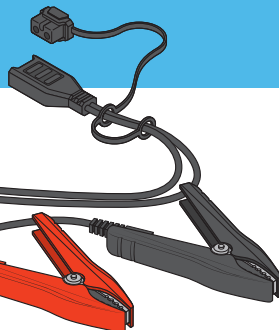
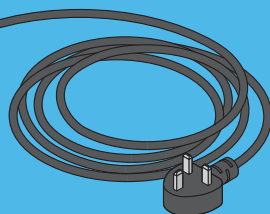
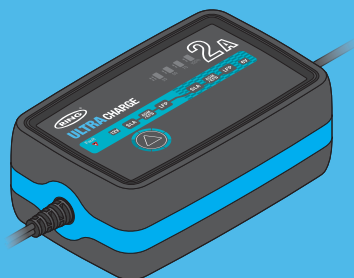


RSC1005

ULTRACHARGE5A

SMART BATTERY CHARGER

With battery maintenance
and alternator tester



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



**INNOVATION
ON THE MOVE**

ULTRA CHARGE 2A / 5A

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.

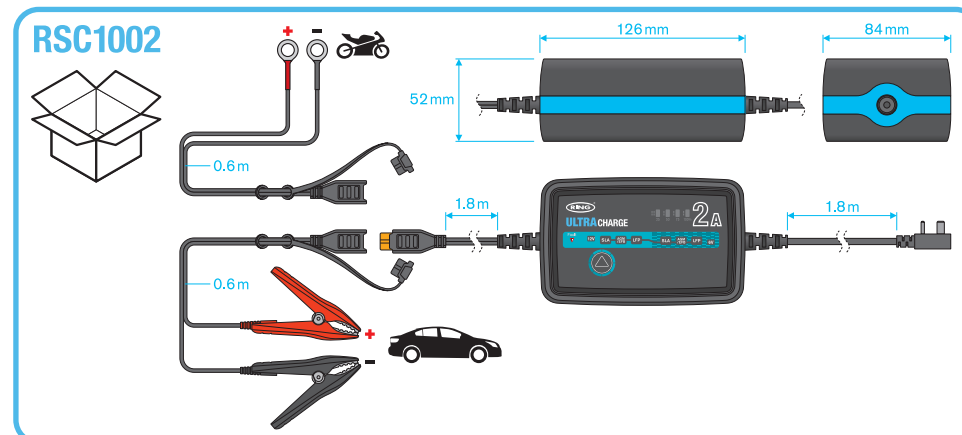
DO NOT cover or obstruct the charger ventilation louvres or fan.

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

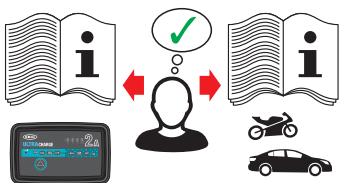


	RSC1002 / 2A	RSC1005 / 5A
Voltage Output	6 V / 12 V DC	6 V / 12 V DC
Voltage Input	220-240 V AC	220-240 V AC
Charger Rate	Up to 2 A	Up to 5 A
Battery Type	Lead Acid, Gel, Calcium, AGM, EFB, LiFePO ₄	Lead Acid, Gel, Calcium, AGM, EFB, LiFePO ₄
Max Battery Capacity	Up to 40 Ah Charging Up to 120 Ah Maintenance	Up to 120 Ah Charging Up to 160 Ah Maintenance
Min Battery Capacity	4 Ah	4 Ah

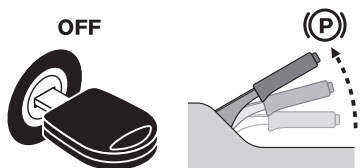


ULTRACHARGE 2A / 5A

SMART BATTERY CHARGER



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



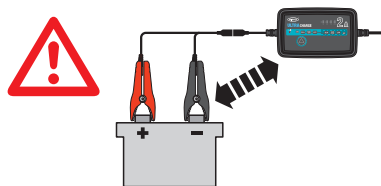
Ensure the engine is turned off and the handbrake is applied.



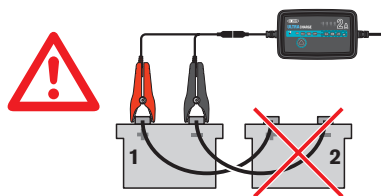
Protective glasses and gloves are recommended.



Suitable for all main vehicle battery types.

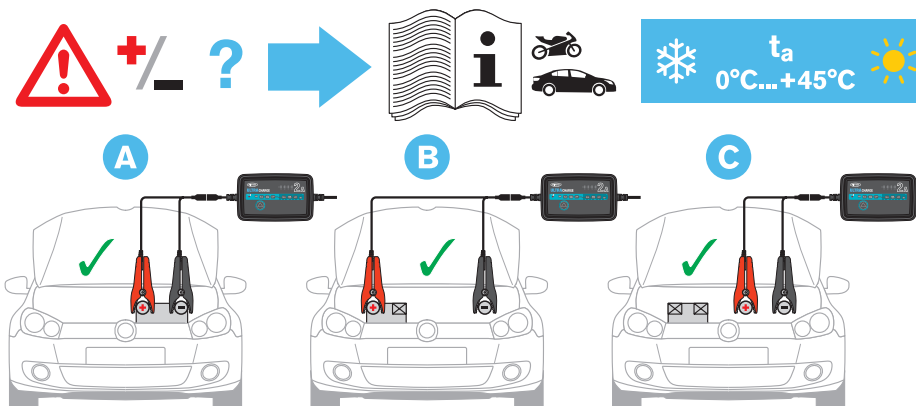


Do not position the charger on the battery when charging.

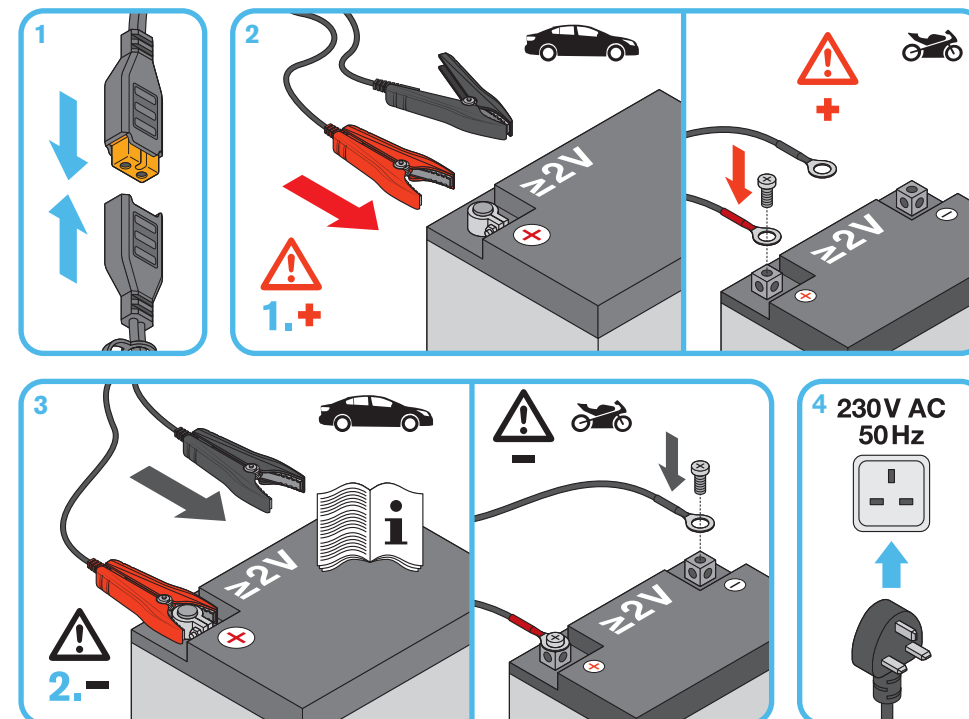


Linked batteries should not be charged.

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 charge into the mains socket and turn the power on.

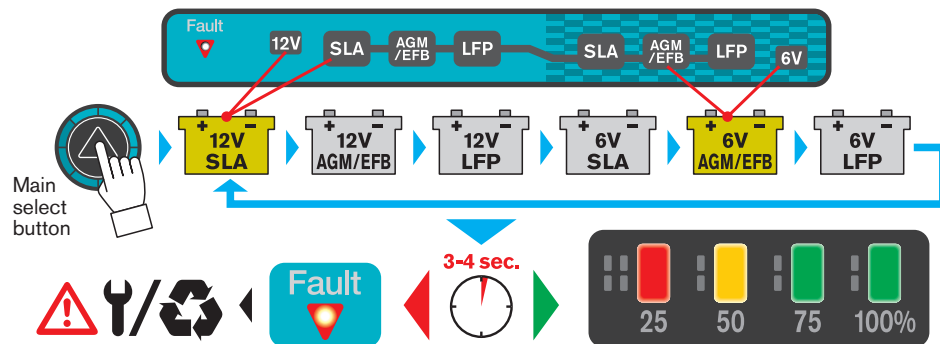


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SMART BATTERY CHARGER

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Press the main select button to rotate through the battery type and voltage options. Charging will start 3-4 seconds after selection. If there is a fault the triangle fault light will illuminate. If the fault lamp is lit then check that the clamps are connected the correct way round and also that the correct voltage is selected for the battery that is being charged. If the fault light continues to show, then there may be an issue with the vehicle's battery.



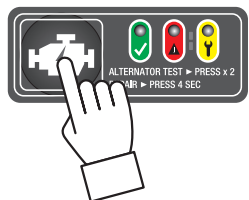
Charge indicator lights show the charging progress.



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Ensure the charger and cables are away from moving engine parts.

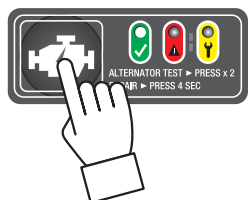
ALTERNATOR TESTER



Press the main select button then press the alternator button once (not press and hold) to select.



Selection of the alternator test function is indicated by alternate flashing of the green and red lights. Ensure the hand brake is on and the vehicle is out of gear, then start the vehicle engine.



While the vehicle engine is running, and the red and green lights are alternately flashing, press the alternator button again for the test result.

Pressing the triangle main select button will cancel this mode.



Pass

The test result will then be displayed. It states Pass (13.3V – 15.5V) or Fail (Less than 13.3V or higher than 15.5V).



Fail

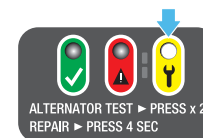
RSC1005

BATTERY REPAIR FUNCTION

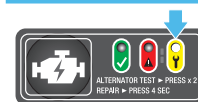


Press 4s

Press the main select button, then press and hold the alternator button for 4 seconds to activate.



Activation is shown by the yellow spanner quickly flashing.



When the light is quickly flashing, release the button to start the repair function.

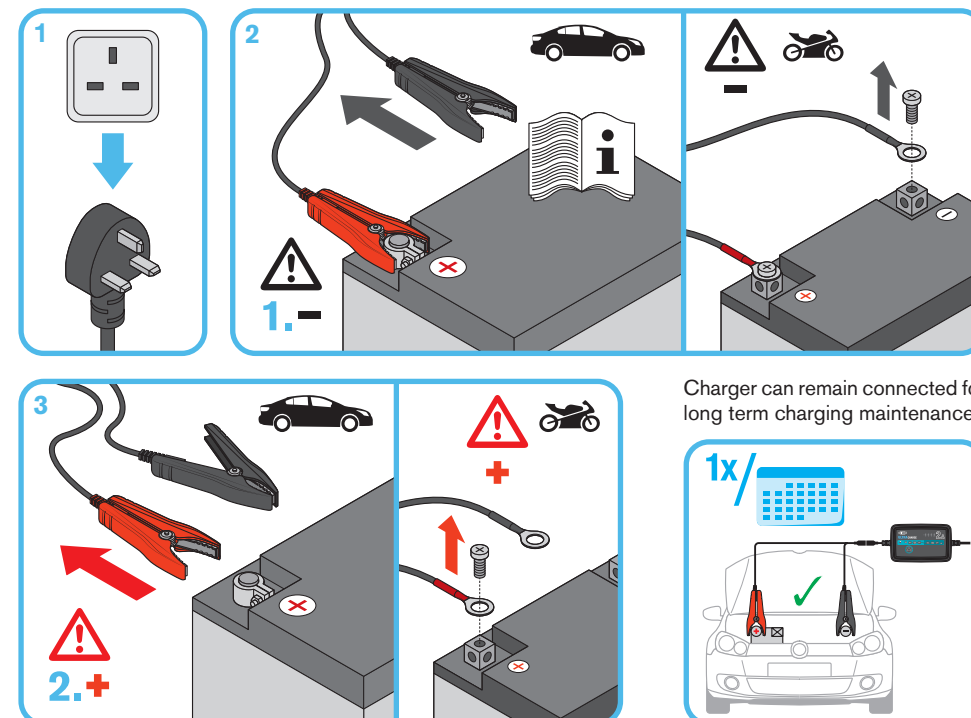


The repair light will slowly flash during repair.



When the repair function is complete, the yellow spanner light will stay on continuously. Pressing the triangle main select button will cancel this.

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



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ULTRA CHARGE 2A / 5A

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
Conformity
mark



EU
Conformity
mark



WEEE (Waste Electrical
and Electronic
Equipment Directive)



Do not open



Do not cover

Imported in the EU by
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