

ROSSI®



BATTERY CHARGER 50A SINGLE PHASE 12V/24V

USER MANUAL

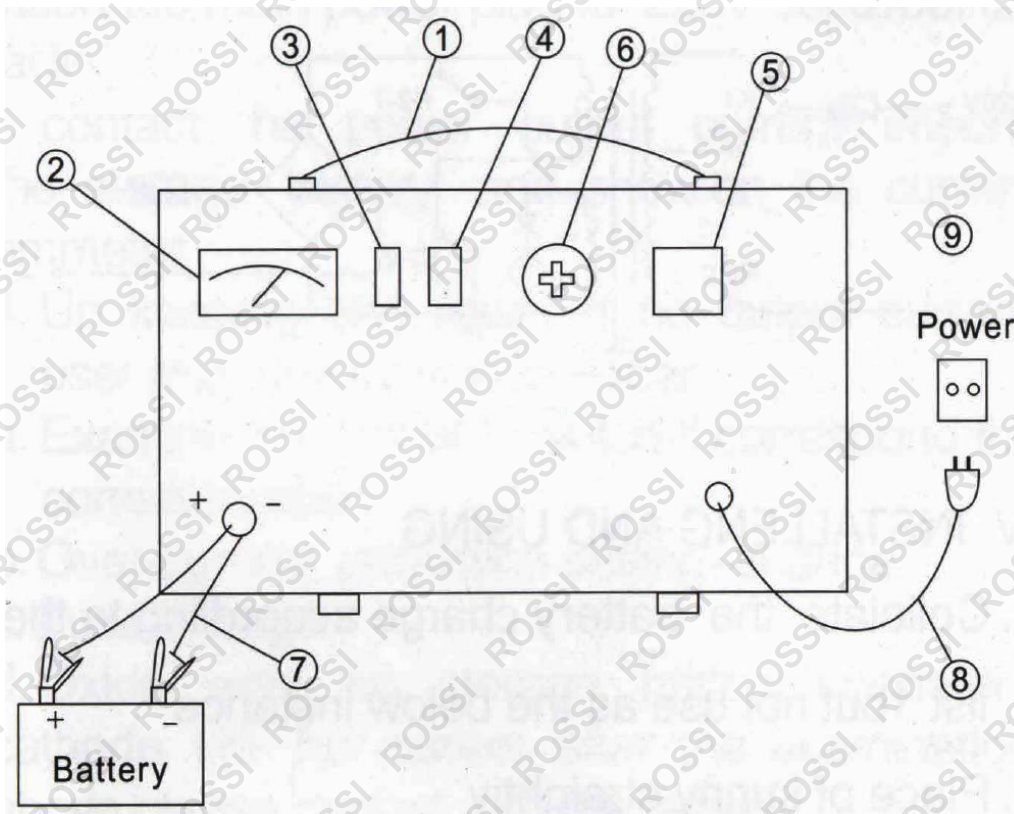
RETAIN THIS MANUAL FOR FUTURE REFERENCE

PLEASE READ THIS MANUAL CAREFULLY BEFORE USE

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PARTS DIAGRAM



No.	ITEM
1	Handle
2	Output voltage meter
3	Over-current protection
4	Big/Small switchover
5	12V/24V switch

No.	ITEM
6	Temperature indicator
7	Clamps
8	Input cable
9	Shell

SET-UP

- Know your storage batteries voltage charge first before charging it. Do not charge your storage battery with the incorrect voltage charge.
- Do not put under direct sunlight or sources of heat.
- Set the battery charger in a clean and dry place. Do not set it in places filled with dust and debris.
- Do not put the battery charger in wet or damp environment to reduce the possibility of electric shocks.
- Before charging your battery, please clean the red clamp of the battery charger first from dirt and debris.
- Exchange the anode of the storage battery's black clamp with its cathode and insert the main power plug to a 220V 50Hz/60Hz power outlet.
- Connect the power output current import of the storage battery to display it on the current ammeter.
- If there is no output current, user needs to check the following:
 - Examine the 12/24V switch if it corresponds to the correct battery voltage.

- Change the Over-current protection setting.
- Replace the fuse with a new one, if needed.
- Dirt and debris is found on their storage battery's anode or cathode

If there is still no current after following the procedures listed above, contact the manufacturer or an authorised service centre.

NOTE:

- The polarity of the power output should not be the same (+ to +, or – to -) or short-circuiting could happen.
- The cooling hole of the storage battery should not be modified in any way.
- If the electric charge of the storage battery is too high, reduce the current voltage: change the “MIN” on the battery panel to stop charging immediately.

OPERATION

The battery charger can charge lead-acid storage batteries that are suitable for automobiles. User should choose the correct type charge based on the storage capacity of the battery. Also ensure that the voltage must be between 12 – 24V.

MACHINE RIGGING WITH TEMPERATURE PROTECTION

The battery can has a temperature protection function when rigged into machineries. It activates when a large electric current is detected that makes the internal temperature of the machinery rise. It will then automatically turn off once the internal temperature decreases.

MACHINE RIGGING WITH OVER-CURRENT SETTING

When the output current exceeds that of the rated current, the fuse on the panel will be cut-off from the power. Ensure that the fuse is replaced with a new one before using the battery again.

For 12V storage batteries, examine if the storage battery has any malfunctions. If the battery voltage is below 9V, confirm if there has been a mistake in the electrical readings. If there aren't any mistakes, choose the “MIN” function to charge the battery. Avoid charging with large electric currents. After setting-up the base voltage, change to “Boost” function if the battery voltage is above 14V. Stop charging the battery afterwards.

For 24V storage batteries, examine if the storage battery has any malfunctions. Ensure that there are no mistakes in the electrical readings after setting up the base voltage, then change to “Boost” function to charge the battery. Stop charging the battery when the voltage reaches above 27V.

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	240V 50Hz
CHARGE VOLTAGE	12V/24V
RATED CHARGING POWER	1000W
RATED OUTPUT CURRENT	50A
BATTERY CAPACITY	120-320Ah
FUSE	50A



Some experts believe the incorrect or prolonged use of almost any product could cause serious injury or death. For information that may reduce your risk of serious injury or death consult the points below and additionally, the information available at www.datastreamserver.com/safety

- Consult all documentation, packaging and product labelling before use. Note that some products feature online documentation which should be printed and kept with the product.
- Check product for loose / broken / damaged / missing parts, wear or leaks (if applicable) before each use. Never use a product with loose / broken / damaged / missing parts, wear or leaks (if applicable).
- Products must be inspected and serviced (if applicable) by a qualified specialist every 6 months assuming average residential use by a person of average weight and strength, above average technical aptitude, on a property matching average metropolitan specification. Intended use outside these guidelines could indicate the product is not suitable for intended use or may require more regular inspection or servicing.
- Ensure all possible users of the product have completed an industry recognised training course before being given access to the product.

- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or your description of the application. Be sure to attain third party approval for your application from a qualified specialist before use regardless of prior assurances by the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (take an automobile, aircraft, computer or ball point pen for example) there is always a small chance of a technical issue that needs to be repaired or may require replacement of the product or a part. If the possibility of such failure and the associated time it takes to rectify could in any situation inconvenience the user, business or employee or could financially affect the user, business or employee then the product is not suitable for your requirements. This product is not for use where incorrect operation or a failure of any kind, including but not limited to a condition requiring product return, replacement, service by a technician or replacement of parts could cause a financial loss, loss of employee time or an inconvenience requiring compensation.
- If this item has been purchased in error considering the points above simply contact the retailer directly for details of their returns policies if required.