



CHARGE AMPS **RAY**

User manual

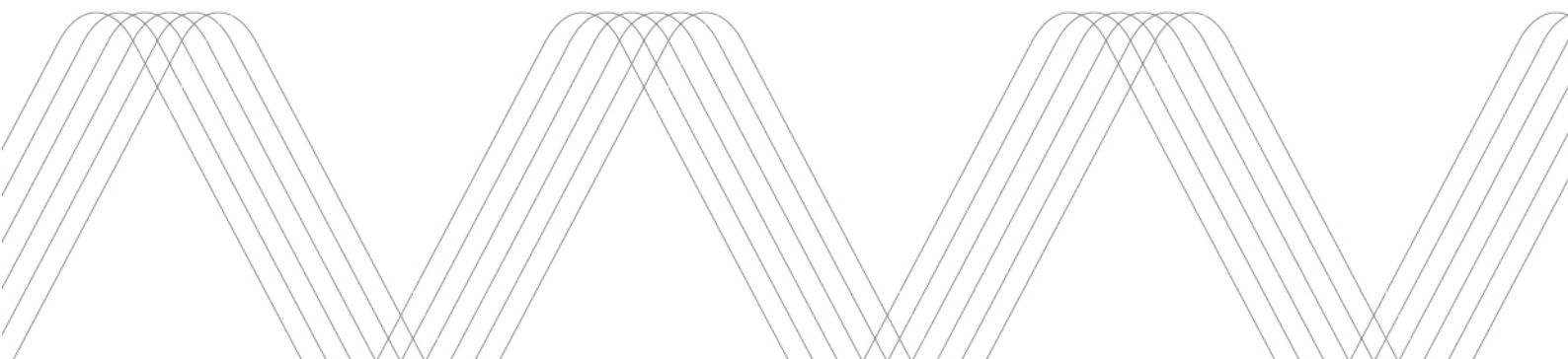




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Safety precautions

Read safety precautions below before use.

Warning

Due to mishandling a dangerous condition might occur such as electric shock or fire.

- Before you connect the Ray make sure the correct charging current is selected. You must ensure that the outlet and circuit have enough current capacity to charge your vehicle safely. The outlet and circuit must be earthed and protected by a dedicated circuit breaker (max 16 A) or fuse (max 16 A). If in any doubt, consult a qualified electrician. Overloading an outlet may result in fire.
- Do not use an extension cord or adapter.
- Always connect the Ray to an RCD protected outlet. The Ray is equipped with an RCD to protect the cable, connector, and car from ground faults, but always use an RCD protected outlet for your personal safety.
- Do not disassemble or try to repair. Contact vendor if service is required.
- Stop using the Ray if a failure or abnormality occurs or the cable is damaged.
- Stop using the Ray if the display shows any faults.
- Stop using the Ray if it gets very hot. The Ray will get warm during charging, this is normal.
- Keep the plug dry and take appropriate care when operating in wet conditions.
- Do not touch the electric terminals of the Ray.
- Do not use the Ray if any parts are broken, worn, cracked, and open or show any indication of damage. Contact vendor if you are uncertain if it is safe to use your Ray.
- Not for use by children.
- Ensure the electrical supply is 220–240 V 50/60 Hz.
- Handle the Ray with care; do not drop and do not pull the cable firmly.
- Ensure that the Ray is placed to avoid immersion in water.
- Do not hang the Ray in the cable.

Caution

Parts could be damaged due to mishandling.

- Prevent foreign matter from getting into the terminal parts of the Ray.
- Avoid stepping on, place heavy objects on, or driving over the Ray
- Avoid making tight loops, folding or twisting the cable.
- Avoid using the Ray during electrical storms or thunderstorms.
- When charging, make sure the Ray is not covered by objects preventing cooling of the Ray.

- Do not drop the Ray.



WARNING – This manual contains important instructions for the Ray electric vehicle charger that must be followed during operation, and maintenance of the unit. When using electric products, basic precautions should always be followed, including the following instructions.



CAUTION – Instructions pertaining to a risk of fire or electric shock. Save these important safety instructions.



WARNING – Do not use Ray for any other purpose than to charge an electric vehicle.

Charging current

You should always have good knowledge about the electrical installation before you start charging and make sure the installation handles the load correctly. Charging with high current requires that the outlet is rated for the load continuously and that the cable dimensions between the electric central and the outlet are of adequate size. You should also make sure that the installation and outlet are in good shape and can handle the continuous load.

If you are uncertain about the quality or capacity of the electrical installation consult your certified electrician.

See safety precautions for more information.

To start charging

1. Connect Ray to an outlet socket. Make sure to always do this step first.
2. Ray will start and indicate the selected charging current on the display.
3. Make sure Ray cable is not creating a coil
4. Selected the desired charging current by maneuvering the touch sensors. Press settings (gear-wheel) and the adjust current with the up/down arrows on the screen and end with OK (green check).
5. Insert the Ray into the EV. Charging starts automatically. The display will begin to show a charging graphic.

To stop charging

To prevent arcing and wear on plugs and outlet, the order of removal is important. The following procedure minimizes the risk of arcing.

1. Unlock your car.
2. Remove Ray from your car.
3. Remove the socket plug from the outlet

Disposal

The Ray contains electronic components and should be recycled as such. Contact your local recycling center for information about recycling and where to dispose of your electronic products.

You can also send items back to Charge Amps for proper disposal. Contact info@charge-amps.com for instructions.

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