

**Save these instructions.** These safety guidelines contain essential information that must be followed during the installation of the **Green Motion EV chargers** according to the procedure outlined in the **Green Motion EV chargers** installation manual. Instructions must be carefully read and understood before operating the equipment and be saved for future reference. The **Green Motion EV chargers** are products for electric vehicle charging application only and installation must be performed in an environment with temperature limits as indicated in the product datasheets and installation manuals and free of hazardous contamination. **NOTE: Installation, commissioning, maintenance or retrofitting of the EV charger must be performed by qualified and authorised electricians who are responsible for complying with existing standards and local installation regulations.**



### LOGISTICS

- Transportation of the equipment, especially on the road, must be carried out in such a way as to protect the system components (especially electronic components) from major impacts, humidity, vibrations etc.
- When loading, lifting, storing and delivering products, avoid sudden or fast movements. These could harm both the product and the handler of the units.
- During transportation, the product must be carefully packaged to prevent product damage. Sudden or fast movements which could cause the system to sway dangerously must be avoided.
- Check temperature and humidity ranges in the product datasheets and installation manuals.
- Never let a foreign body penetrate the inside of the packaging.
- In case the product was inadequately handled during transportation, a product quality control check must be performed to certify that no damage was caused.
- Do not leave packaged products outside. Extreme weather conditions might cause severe product damage.
- Any machinery or tools used for lifting the product must be able to withstand its weight.
- The product is not equipped with specific lifting tools.
- Due to the weight of the unit, personnel for transportation, handling and lifting must be considered in accordance with the requirements of local regulations.
- Consider local regulations and law for transporting, handling and lifting the product.



### INSTALLATION

- The installer and charge point operator must be instructed correctly. The installer and charge point operator must therefore read and follow the technical instructions contained in the product installation manual and in the enclosed documentation.
- Due to the weight of the unit, personnel for the installation must be considered in accordance with the requirements of local regulations.
- An appropriate earthing connection to the charger is mandatory to ensure a proper and safe charging operation. Refer to the installation manual for details.
- The instructions provided in these safety guidelines, the installation manual or the technical documentation do not replace the local safety regulations.
- The equipment must not be used if any operational fault is identified.
- Installation, commissioning, maintenance or retrofitting of the EV charger must be performed by qualified electricians who are responsible for complying with existing standards and local installation regulations.
- Temporary repairs should be avoided; repair work must be carried out only with genuine spare parts, which must be installed according to the intended use.
- Responsibility for the commercial components is assigned to their respective manufacturers.
- Before starting installation and connection operations, ensure that the external AC-line main switch is disconnected and the circuit breakers are open.
- Any operation requiring the opening of the EV charger can lead to electric shock hazards.
- An electric shock can be fatal. Avoid touching internal or external parts that are normally live while the system is powered on.
- Cables and connections must always be secured, in good condition, insulated and suitably sized.
- It is not possible to install the EV charger in an IT grid.
- In the case of a connection in TT or TN networks, the value of the earth-fault loop impedance must not exceed 100 Ohms.
- Do not mount the product in areas where flammable substances are present.
- Do not install the product in areas subject to explosion hazards.
- Refer to the product datasheets and installation manuals for the operation temperature, humidity limits and maximum altitude of the installation.
- Keep 300 mm free space on the left- and right-hand sides of the product to guarantee adequate air flow.



### MAINTENANCE

- Installation, commissioning, maintenance or retrofitting of the product must be performed by qualified electricians who are responsible for complying with existing standards and local installation regulations.
- In case the unit demonstrates a failure and the emergency stop button is pushed, check the integrity of the unit, cables and connectors before starting the maintenance process.
- Before starting any maintenance operations, ensure that the charging process has finished, the system has been switched off and that the external AC-line main switch has been set to off. Please check the status of the main circuit breaker.
- Before starting any maintenance, wait at least 10 minutes after disconnecting the unit from the power supply to allow its components to cool down and any static electricity storage devices to discharge. The enclosure could overheat during its operation or be heated by direct sunlight and it can cause burns by contact. To avoid burns from an overheated surface caused by sunlight, please use suitable PPE or wait for the equipment to cool down before accessing it.
- To disconnect the charger, switch off any external protection switches first and only then disconnect the supply line by opening the main circuit breaker.



### DISASSEMBLY

- Before performing any work on the product, ensure that the charging process has finished and that the external AC-line main switch has been set to off. Check the status of the main circuit breaker.
- Before removing the unit, wait at least 10 minutes after disconnecting the unit from the power supply to allow its components to cool down and any static electricity storage devices to discharge. The enclosure could overheat during its operation or be heated by direct sunlight, and can cause burns if touched. To avoid burns, please use suitable PPE or wait for the equipment to cool down before accessing it.
- Disconnect any load if present from the charger.
- Dismount the charger.



### PRODUCT DISPOSAL

- Product should be recycled in accordance with local environmental regulations and not discarded with household waste.
- At the end of its service life, the product must be transported to a processing centre for electrical and electronic waste.
- Do not discard waste of electrical or electronic equipment (WEEE) in the domestic waste.
- Please refer to [www.eaton.com/recycling](http://www.eaton.com/recycling).