

STORAGE AND MAINTENANCE GUIDES

STORAGE GUIDE – Domestic EV Charger

Proper storage of your EV charger ensures its longevity and safe operation. Follow these steps if the charger is not in regular use or is being stored long-term.

General Storage Instructions:

- **Cool, Dry Place:** Store in a **dry** location away from **moisture** and **dust**.
- **Temperature Range:** Keep within **-20°C to +50°C (-4°F to 122°F)**.
- **Humidity:** Avoid environments with **humidity > 85%**, especially with condensation.
- **Avoid Chemicals:** Keep away from corrosive substances or environments (e.g. near pool chemicals, fertilizers).
- **Coil Cable Properly:** Neatly coil the charging cable to prevent kinks, bends, or cable stress. Use built-in cable holder to secure the cable plug.
- **Disconnect Power:** Always turn off and disconnect the charger from the power supply before storing.
- **Locking the charging unit:** If left unused for long periods (e.g., during travel), consider locking the charging unit by disabling local start/stop to prevent tampering.

Do Not:

- Store in damp basements or garages with water leaks.
- Place heavy objects on the charger or its cables.
- Use plastic bags for long-term storage (may trap moisture).

MAINTENANCE GUIDE – Domestic EV Charger

Routine maintenance will ensure safe operation and optimal performance of your EV charger.

Monthly Visual Inspection:

- **Check Cables:** Look for signs of wear, cracks, or fraying on the charging cable and plug.
- **Inspect Connectors:** Ensure the charging connector is clean, dry, and free of debris.
- **Wall Mount & Fasteners:** Make sure the unit is securely mounted and has no signs of physical damage or corrosion.
- **LED Indicators / Display:** Check that all indicators function correctly when powered.

Cleaning:

- **Power Off First:** Always turn off and unplug before cleaning.
- **Use a Soft Cloth:** Clean the unit and cable with a soft, damp cloth. For tougher dirt, use mild soap diluted in water.
- **Avoid Solvents:** Do not use alcohol, petrol, acetone, or abrasive cleaners.

Electrical Check (Every 12 Months):

- **Test residual current device (RCD)** functionality, by pressing the test button in the RCD.

Software/Firmware Updates:

- **Connect your Smart** charger to the ESiGO app to:
 - Allow for firmware updates.
 - Review charging logs or errors.
 - Allow remote assistance by the manufacturer.