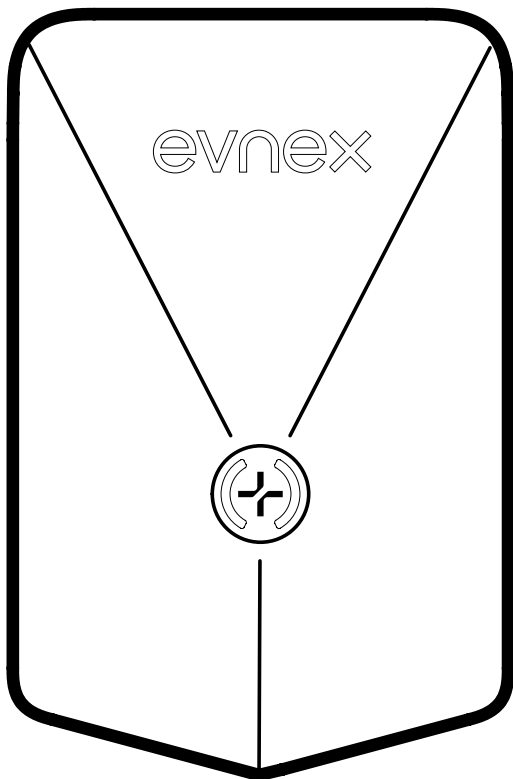


USER GUIDE



evnex

E2 7.4 kW Smart
EV Charger

READ ALL INSTRUCTIONS BEFORE USING THIS PRODUCT.

This product must be installed by
a registered/qualified electrician.



Scan here to learn how
to use your EV charger
or visit docs.evnex.io

Evnex Ltd. reserves the right to make changes to this document or the products described without notice. This document is current at the time of printing. Please ensure you have the latest version. For questions relating to this product please refer to contact details at the end of this document.

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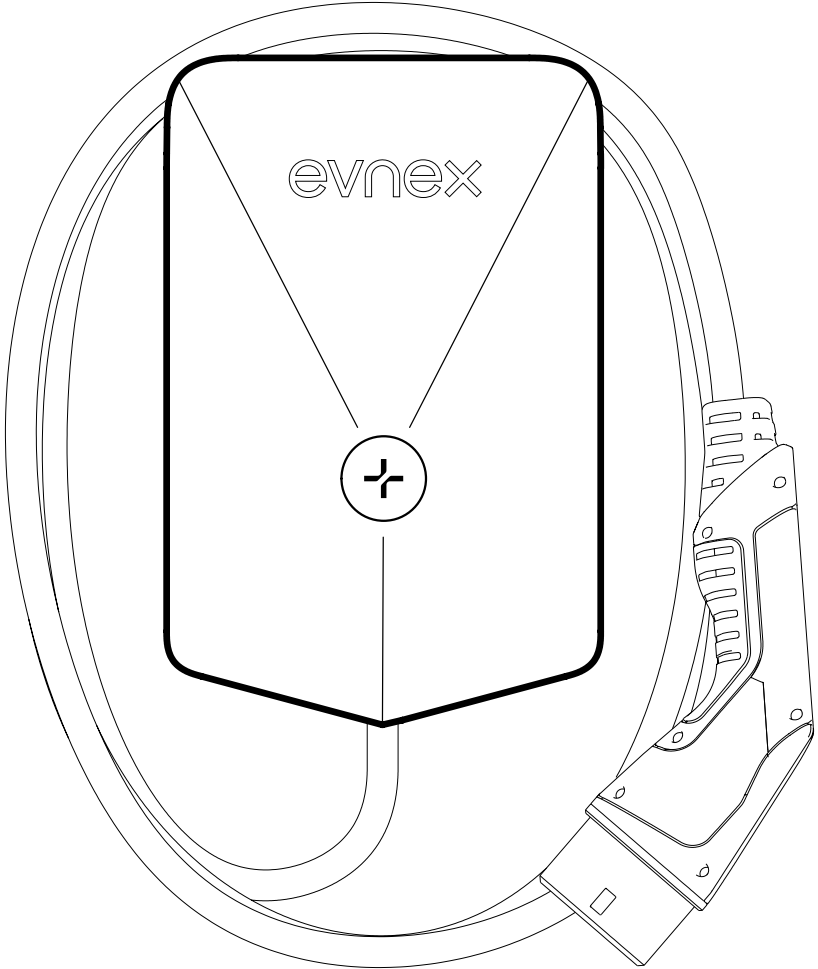
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Product description

The Evnex E2 is an intelligent EV charger that combines NZ-made build quality with driver-centric features.

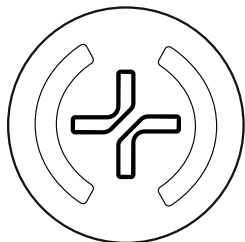
As your EV charging assistant, the E2 utilises advanced digital tools and provides actionable insights to meet your everyday charging needs. These insights help to lower the environmental impact of your charging activities, reduce charging costs, and minimise strain on the local electricity grid.

The E2 has a standard 7.4kW power rating and is available with either a type 2 or type 1 tethered charging cable. The Evnex mobile control app is accessible for free, with features continuously improving based on feedback from our EV drivers.



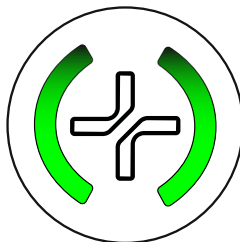
Status display

The LEDs on the front of the charger indicate the current status, using a combination of colour and animation.



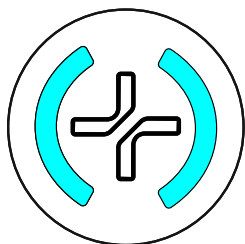
IDLE

If the charger is currently idle and available to be used, the LEDs show a steady “breathing” animation in white.



CHARGING

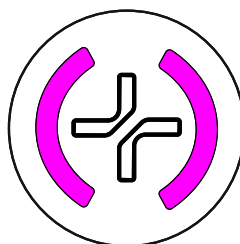
When a vehicle is charging, the LEDs show a “filling” animation in green. At full power this animates quickly, and slows down if charging more slowly.



CHARGE NOW

The LEDs will be electric blue while the charger is set to opt out of any managed charging (solar diversion, charge scheduling or load management).

If they are “breathing”, this indicates that either the vehicle is yet to be plugged in, or it is not drawing power. If they are “filling”, this means the vehicle is being charged at the quickest possible safe rate.



WAITING FOR VEHICLE

A purple “breathing” animation means the charger is offering to charge the attached vehicle but it is not drawing any power. This is likely because the battery is already full.



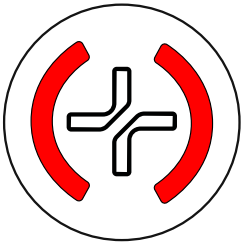
WAITING FOR SOLAR

If a charger is set up to divert excess local solar generation into the connected vehicle, but there is insufficient excess available, a yellow "breathing" animation is shown.



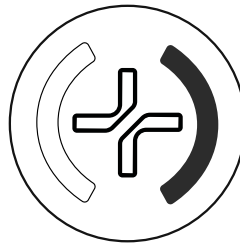
WAITING FOR SCHEDULE

When a vehicle is plugged into a charger outside of the scheduled charging window, a deep blue "breathing" animation is shown. You can see what time charging is going to begin by looking at the charger in the Evnex app.



FAULT

If the charger is unable to charge a vehicle for any reason, this will be indicated by flashing red LEDs. The app will be able to provide assistance on what to do to resolve the problem.



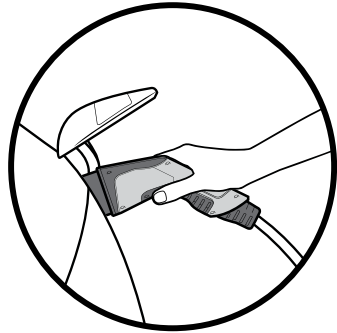
DISABLED

A disabled charger displays alternating white LEDs between the left and right halves of the display area.

How to charge

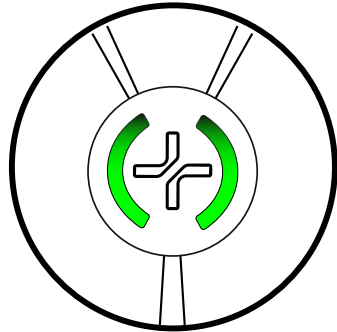
01 Plug in your charging cable

Connect the charging cable to your vehicle's charging socket.



02 Vehicle charging

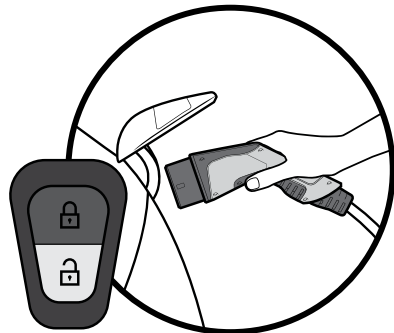
Your vehicle will start charging or the charging session will be delayed until a scheduled time or solar diversion conditions are met.



03 Remove charging cable

Most vehicles will lock the cable into the charging socket.

To release the cable, press the unlock button on your vehicle key or mobile app.



Health & Safety

- 01 Always check for debris or moisture in the charging connector before operating.



- 02 Do not use the EV charger if the plug and lead is cracked, frayed, or damaged in any way.



- 03 After charging, tethered cable should be stored safely by wrapping it around unit.



General information

- This unit has been designed and tested in accordance with IEC 61000-6-3 and IEC 61000-6-2, however the installer is responsible for ensuring that all local regulations and standards are complied with.
- This product is to be installed and serviced only by Evnex approved technicians using only Evnex supplied parts.
- There are no user serviceable parts inside the EV charger.
- Do not attempt to repair or modify the product.
- It is the user's responsibility to ensure that the cable is stored safely, and not left where it could become a tripping hazard, or subject to stress or damage.
- This EV charger should only be used to charge a vehicle with a compatible J1772 socket, or IEC 61851 type 1 or type 2 socket.
- Only cables which comply with IEC 62196-1 and IEC 62196-2 may be used with this product.
- The vehicle and charging cable shall be used as per the manufacturers instructions.
- The vehicle's on-board charger is required to comply with IEC 61851-1 and IEC 61851-21-1.
- Avoid excessive application of moisture to charging cable connectors, e.g. washing with hose.
- Do not use harsh chemicals to clean this product. Periodic cleaning may be done with a damp cloth and mild detergent if required.
- Product and warning labels must not be removed.

Risk of electric shock

- Read all instructions before using this product.
- If this product appears to be damaged in any way, it should be electrically isolated and repaired or replaced. Damage includes fraying or broken insulation on the power cable or any signs of cracking or separation on the connector or charging unit.
- This product should not be operated while in a "Fault" state and should be electrically isolated until serviced by a qualified technician.
- Never insert foreign objects in the charging cable connectors.
- Do not use extension cords or any kind of adapter with this product.
- This product should not be used by children.

Disclaimer

Evnex Limited shall not be liable in any way for damage or injury that occurs when using the product, and all warranties will be void where:

- The installation instructions have not been followed correctly.
- The product has been installed by an unqualified person.
- The product has been tampered with or modified.
- The product has been used for a purpose other than it was designed and intended for.

Troubleshooting

- If your EV charger isn't working as expected or you believe there's an issue, please review our troubleshooting guide.
- If you can't find what you're looking for please give our support team a call.



docs.evnex.io/docs/troubleshooting-guide

If you have any issues or need help with using your EV charger, please contact our customer support team.

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