EVIQO EVIPOWER-2

EVIQO Level 2 EV Charger J1772 40A NEMA 14-50 Instruction Manual

Model: EVIPOWER-2

Introduction

The EVIQO Level 2 EV Charger (Model EVIPOWER-2) is designed to provide efficient and reliable charging for electric vehicles. This wall-mounted unit features a J1772 connector, a maximum output of 40A, and is compatible with NEMA 14-50 outlets. Key features include smart app control, a durable weatherproof design, and a fluorescent holster for enhanced visibility and convenience.



Image: The EVIQO Level 2 EV Charger, showcasing its main unit, J1772 charging cable, NEMA 14-50 input plug, and fluorescent holster.

Setup

Pre-Installation Checklist

- Ensure a dedicated 50A / 240V circuit is available.
- Confirm the presence of an EV-graded 4-prong NEMA 14-50 outlet.
- Verify your vehicle's connector type is J1772. For Tesla vehicles, a J1772-to-NACS adapter (not included) is required.

Installation Type and Connector Selection

The EVIQO charger is available in plug-in (NEMA 14-50) and hardwire configurations, and with J1772 or NACS connectors. This specific model is a NEMA 14-50 plug-in with a J1772 connector.

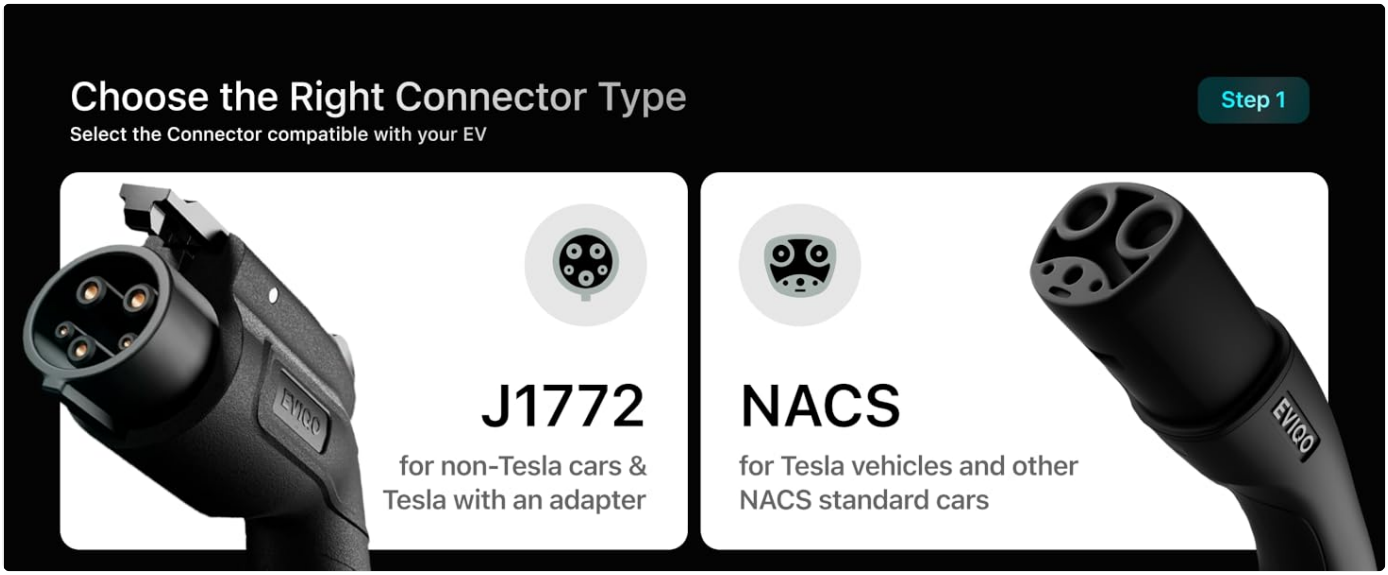


Image: Illustration of J1772 and NACS connector types, highlighting compatibility for various EV models.

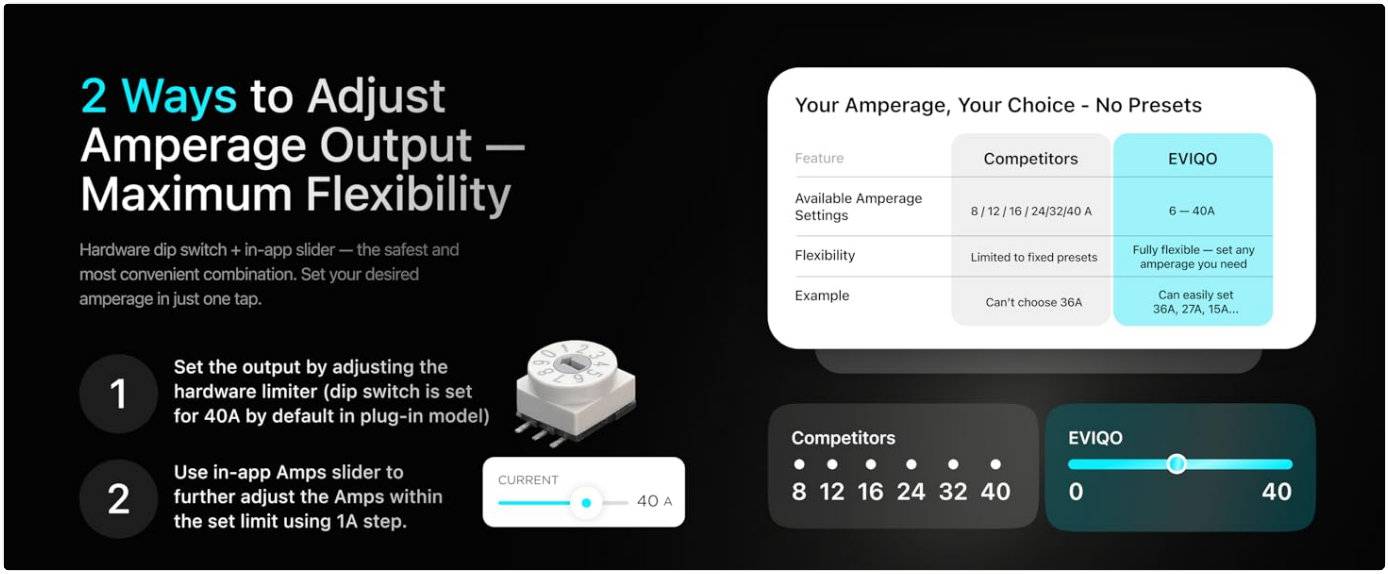


Image: Visual representation of the hardware dip switch and the in-app slider for flexible amperage output adjustment.

For detailed installation instructions, please refer to the Installation Manual (PDF).

Amperage Adjustment

The charger's output amperage can be adjusted using a hardware dip switch (set to 40A by default for plug-in models) and further refined via the smartphone app. This allows for flexible current settings from 6A to 40A, depending on your electrical setup and charging needs.

Setup Videos

Video: Official EVIQO guide on how to choose the correct charger model for your needs, including installation considerations.

Video: Instructions on how to adjust the amperage settings for the Level 2 EV charger.

Operating Instructions

Basic Charging (Plug-and-Play)

The EVIQO charger is ready for use right out of the box. Simply plug the NEMA 14-50 connector into your dedicated outlet and the J1772 connector into your electric vehicle to begin charging. No app setup is required for basic charging functionality.



Image: A hand plugging the J1772 connector into an electric vehicle's charging port, demonstrating the plug-and-charge simplicity.

Smart App Control

For advanced control and monitoring, connect your EVIQO charger to the smartphone app via a 2.4 GHz WiFi network. The app allows you to:

- Start and stop charging sessions remotely.
- Adjust the charging current between 6A and 40A.
- Receive charging reminders and notifications.
- Track energy consumption and estimated costs.
- Schedule charging during off-peak hours to optimize energy costs.

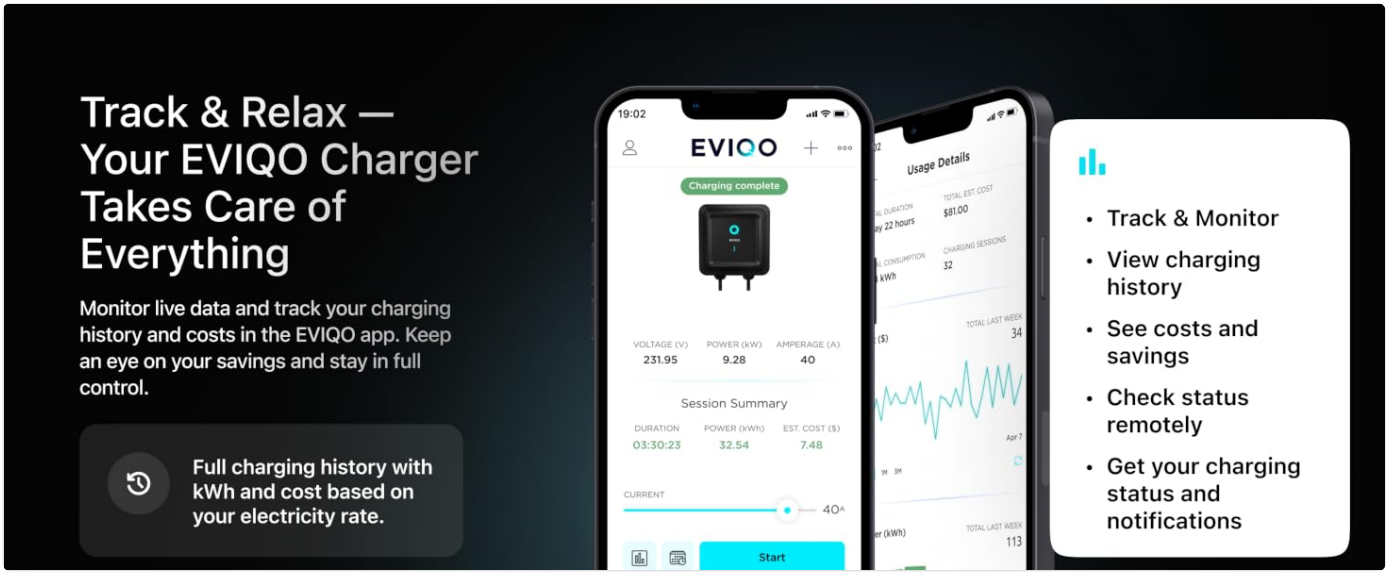


Image: A smartphone displaying the EVIQO app, showing real-time charging data, controls, and historical information.

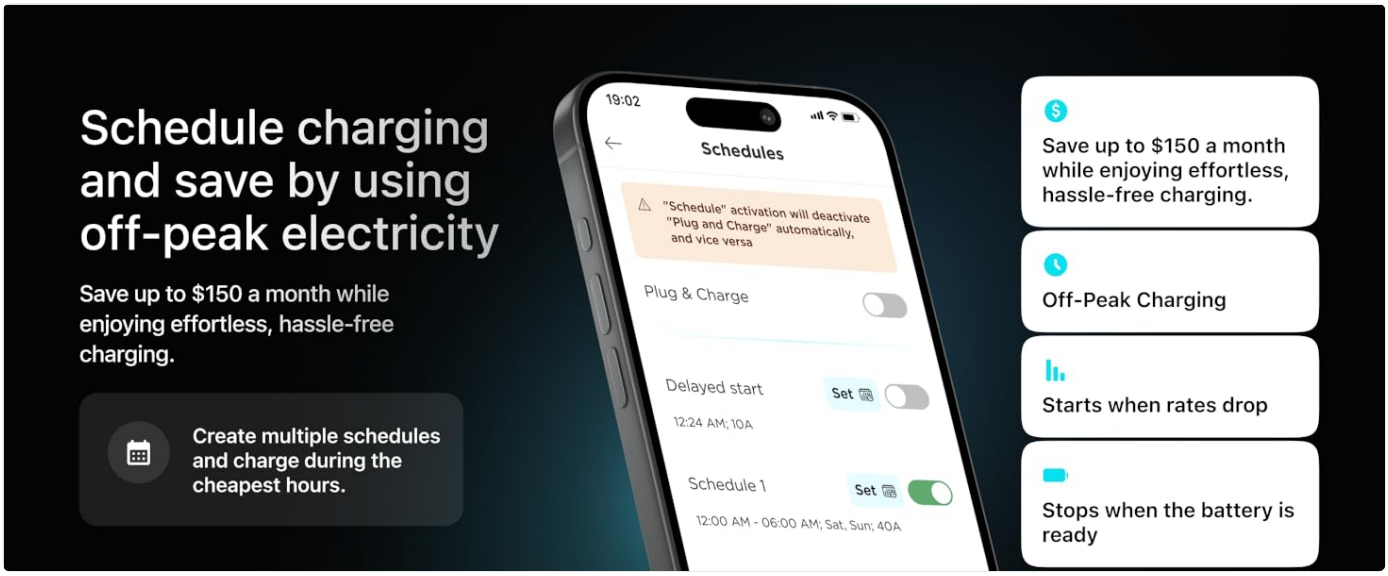


Image: The EVIQO app interface demonstrating the scheduling feature for setting charging times during off-peak electricity hours.

Operating Video

Video: A demonstration of the EVIQO charger's simple plug-and-play functionality.

Maintenance

Weatherproof Design

The EVIQO charger is built with an IP66/NEMA-4 weatherproof enclosure, ensuring protection against rain, snow, heat, and dust. This robust construction minimizes the need for frequent maintenance due to environmental factors.

Fluorescent Holster

Utilize the high-visibility fluorescent holster to store the J1772 connector when not in use. This holster absorbs light to glow in the dark, making it easy to locate the connector in low-light conditions and keeping it securely stored.

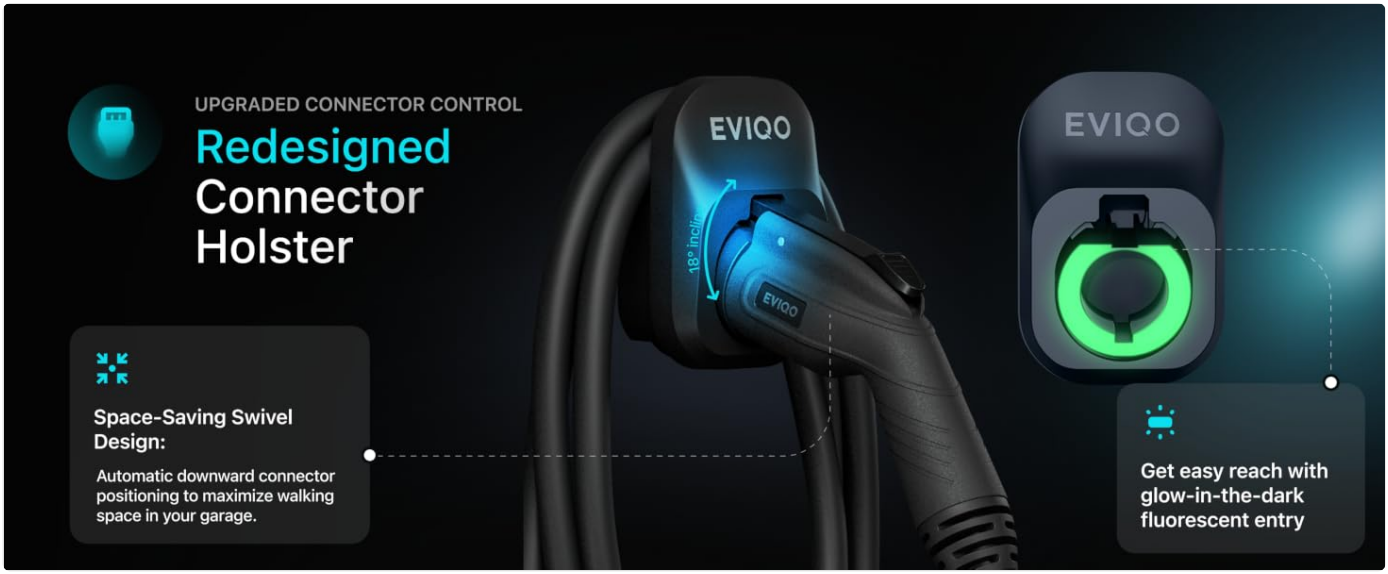


Image: The glow-in-the-dark fluorescent holster, designed for easy visibility and secure storage of the charging connector.

Firmware Updates

The charger receives remote software updates to ensure optimal performance, reliability, and access to new features. Ensure your charger is connected to WiFi for these updates.

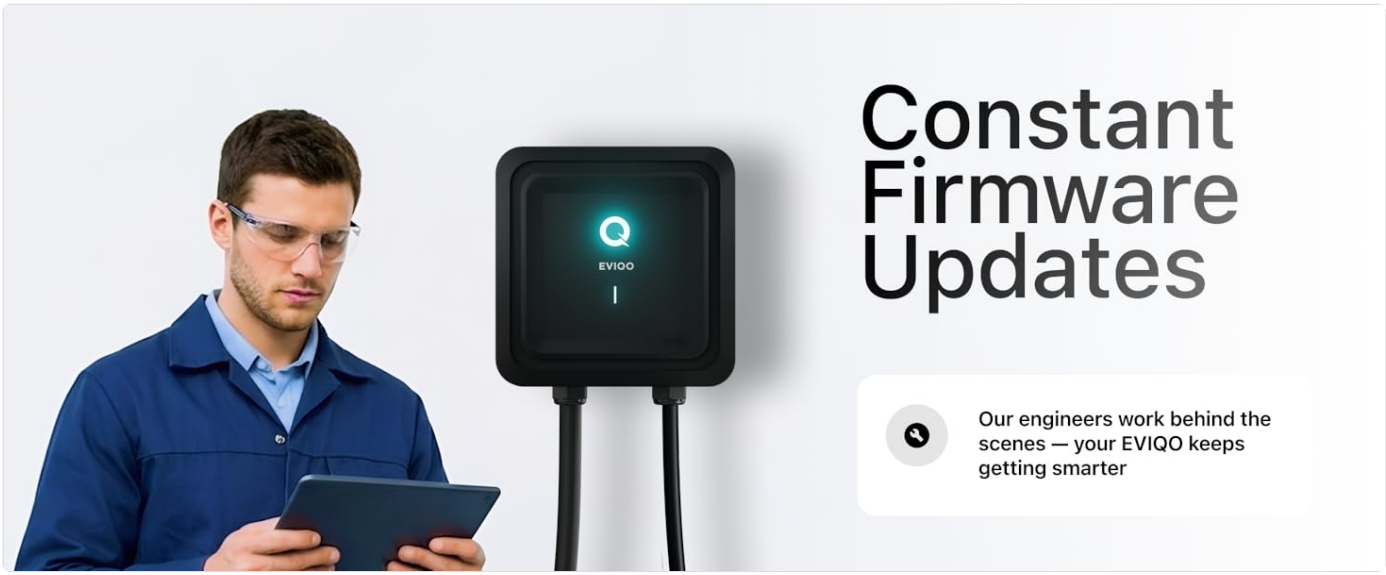


Image: An engineer performing tasks on a tablet, symbolizing the continuous firmware updates provided for the EVIQO EV charger.

TROUBLESHOOTING

Easy-Access Reset Button

In case of a fault or unexpected behavior, the charger features an easy-access side reset button. This allows for quick restarts without needing to open the unit or disconnect power.

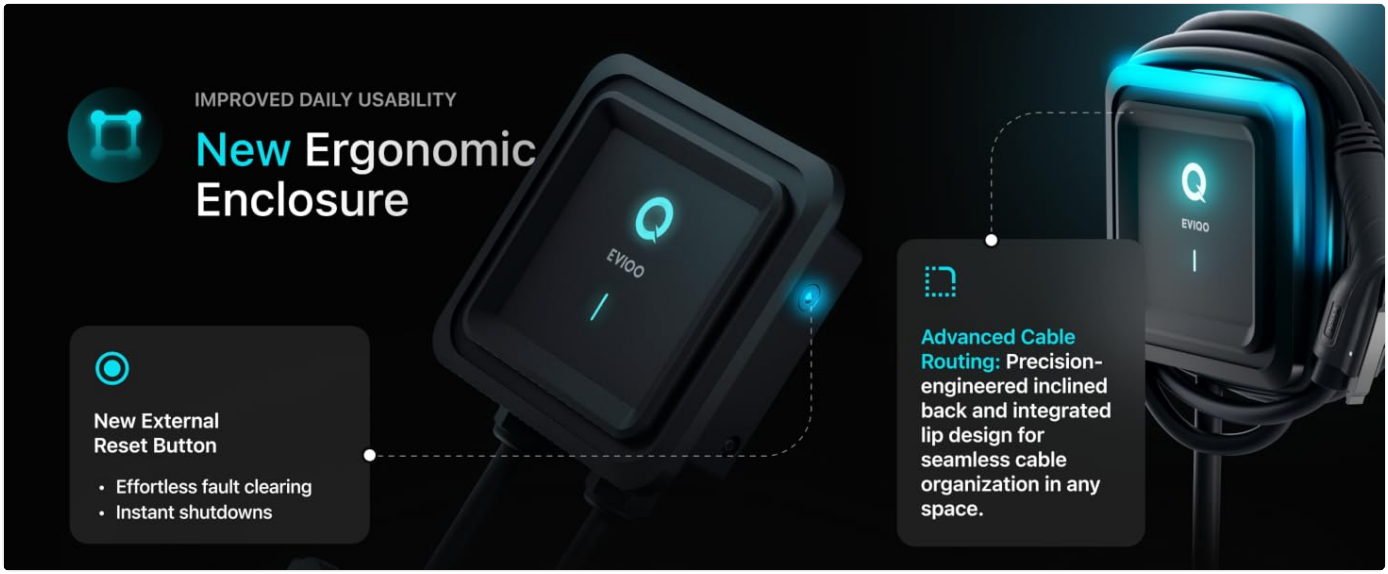


Image: The EVIQO charger's ergonomic enclosure, featuring the external reset button for quick fault clearing.

Safety Monitoring

The EVIQO charger continuously monitors 12 vital safety parameters, including overheat protection, GFCI, integrated residual current device self-test, voltmeter fault detection, control pilot fault detection, relay fault detection, overvoltage, undervoltage, short-circuit, overcurrent, and current leakage. If any potential issue is detected, the charger automatically shuts down to ensure safety.

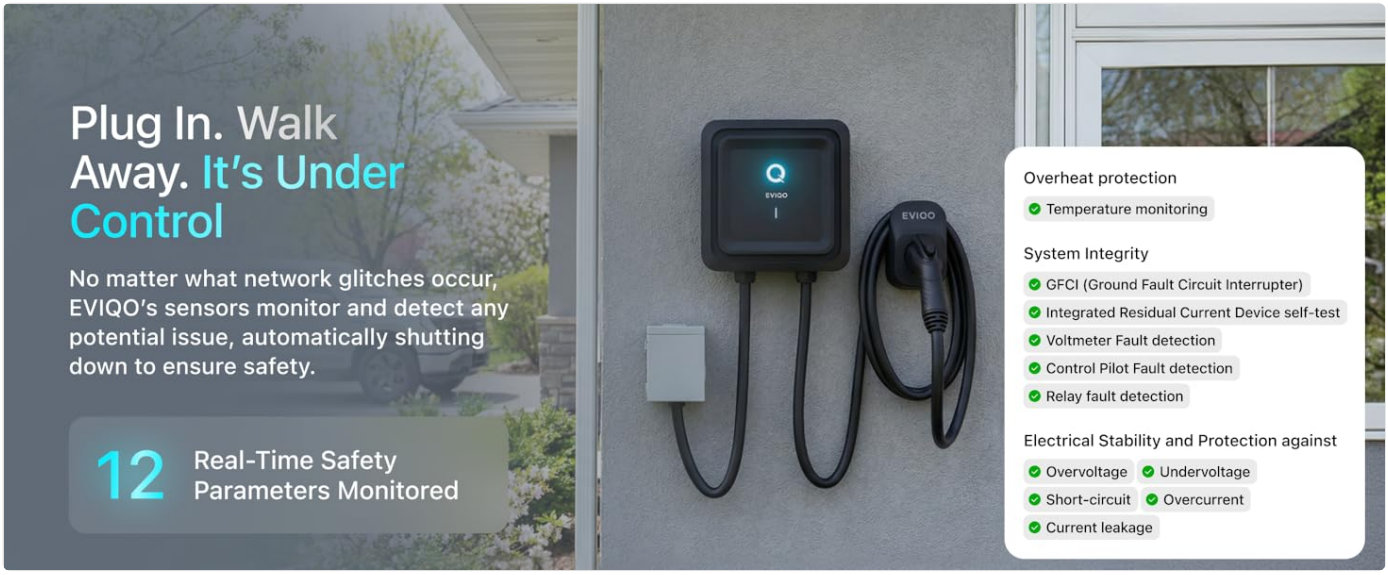


Image: A visual representation of the 12 real-time safety parameters monitored by the EVIQO charger to ensure secure vehicle charging.

For more detailed troubleshooting steps, please consult theTroubleshooting Guide (PDF).

SPECIFICATIONS

Feature	Detail
Manufacturer	EVIQO
Brand	EVIQO
Model	EVIPOWER-2

Item Weight	21.3 pounds
Product Dimensions	4.72 x 6.3 x 1.97 inches
Amperage	40 A
Connector Type	J1772
Input Plug	NEMA 14-50
Input Cable Length	37 inches
Charging Cable Length	25 feet
Weatherproof Rating	IP66/NEMA-4
Certifications	UL/ETL/FCC/Energy Star

Warranty

The EVIQO Level 2 EV Charger comes with a 3-year warranty, ensuring coverage for manufacturing defects and operational issues under normal use conditions.

Support

For any questions, technical assistance, or support, please contact EVIQO Technologies:

- **Phone:** +1 650 457-00-99 (Working hours: 10 AM to 8 PM PST)
- **Email:** support@eviqo.io

Our US-based tech support team is available to assist you.

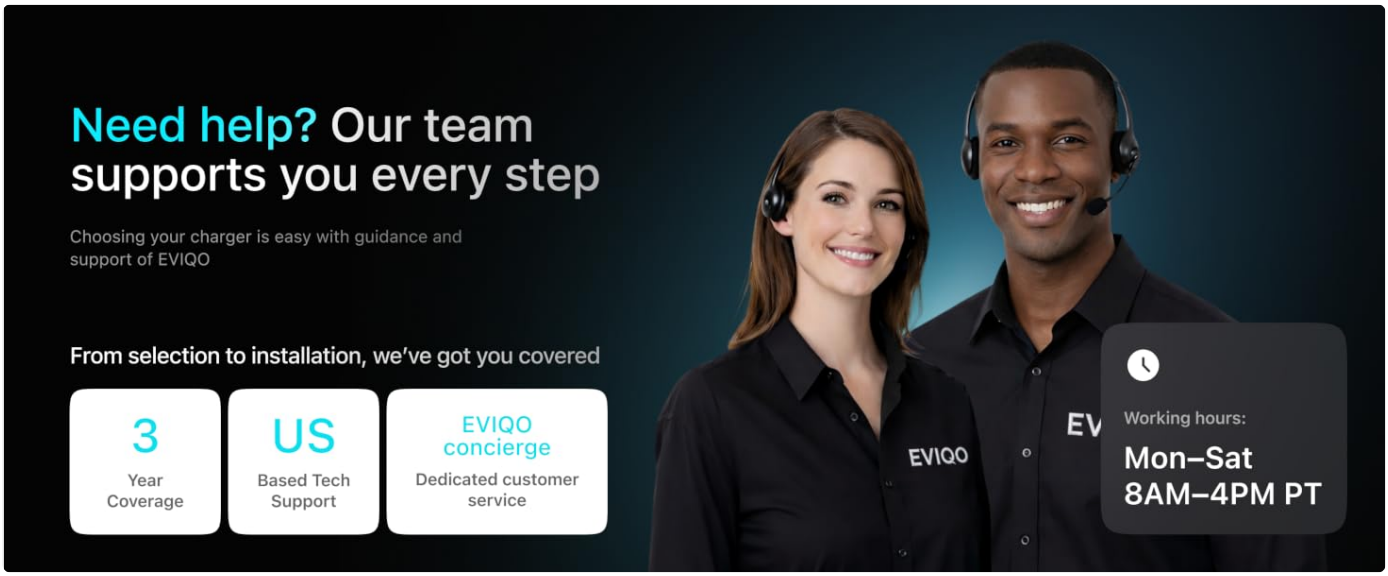


Image: Two customer support representatives with headsets, symbolizing the readily available US-based technical support.

You can also visit the official EVIQO Store for more product information and resources.

© 2026 EVIQO Technologies. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question