

Grizzl-E GCD-14-24-P

Grizzl-E Duo Level 2 EV Charger User Manual

Model: GCD-14-24-P

Brand: Grizzl-E

1. PRODUCT OVERVIEW

The Grizzl-E Duo is a Level 2 Electric Vehicle Supply Equipment (EVSE) designed to charge two electric vehicles simultaneously. It features a robust construction suitable for both indoor and outdoor use, providing reliable and efficient charging for compatible EVs and Plug-in Hybrid Electric Vehicles (PHEVs).



Figure 1: Grizzl-E Duo EV Charger, showing the main unit, NEMA 14-50 plug, and two J1772 charging connectors.

Key features include:

- Dual-port charging capability with two 24-foot J1772 premium charging cables.
- UL Certified for safety and reliability.
- Heavy-duty NEMA-4 rated metal enclosure for indoor/outdoor use, resistant to water and fire.
- Adjustable amperage settings: 40A, 32A, 24A, 16A.
- Intelligent power-sharing to optimize current distribution between two vehicles.
- Comprehensive safety protections: Over Current, Over Voltage, Under Voltage, Missing Diode, Ground Fault, and Over Temperature.
- Error monitoring for both charging ports.

HIGH-SPEED

EV Charging **Indoor & Outdoor**



240v
fast charging

up to **40**
Amps

Charge 2 Cars
at the same time

Figure 2: High-speed EV charging capabilities of the Grizzl-E Duo, highlighting 240V fast charging, up to 40 Amps, and simultaneous charging for two vehicles.

2. SETUP AND INSTALLATION

The Grizzl-E Duo is designed for straightforward installation. It requires a NEMA 14-50R outlet for power connection. Professional installation by a qualified electrician is recommended to ensure compliance with local electrical codes and safety standards.

2.1 Package Contents

Before beginning installation, verify that all components are present in the package:



Figure 3: Detailed view of the Grizzl-E Duo package contents, including the main unit, mounting screws, cable holders, and two 24-foot output cables.

2.2 Mounting the Charger

1. Select a suitable indoor or outdoor location near a NEMA 14-50R outlet, ensuring adequate space for cable management.
2. Use the provided mounting bracket and hardware to securely attach the charger to a wall stud or other sturdy surface.
3. Ensure the charger is mounted at a height that allows comfortable access to the charging cables and unit.

2.3 Electrical Connection

The Grizzl-E Duo connects directly to a NEMA 14-50R receptacle. Ensure the circuit is properly rated for the charger's maximum amperage (40A) and that the outlet is installed correctly by a certified electrician.

Simple. Reliable. Affordable.

Made in CANADA



The image shows a black rectangular charging station with the 'GRIZZL-E' logo and 'DUO' text. A green status light is illuminated. It is mounted on a black pole. The background is a grey concrete wall.

-  **water resistance**
-  **fire resistance**
-  **overcurrent protection**
-  **overvoltage protection**

Adjustable maximum current output:
40 / 32 / 24 / 16A

UL CERTIFIED
SAFETY US CA
SÉCURITÉ US CA
E510712

3 YEARS WARRANTY
3-YEAR TECHNICAL WARRANTY


UNPRECEDENTED SUPPORT

Figure 4: Safety and durability features of the Grizzl-E Duo, including UL certification, NEMA 4 enclosure, and various electrical protections.

3. OPERATING INSTRUCTIONS

The Grizzl-E Duo is designed for simple operation. Follow these steps to charge your electric vehicles:

1. **Connect to Power:** Ensure the Grizzl-E Duo is securely plugged into a NEMA 14-50R outlet. The status indicator light on the unit will illuminate.
2. **Connect to Vehicle:** Take one of the J1772 charging cables and insert the connector firmly into your electric vehicle's charging port. Repeat for the second vehicle if charging two simultaneously.
3. **Charging Process:** The charger will automatically initiate the charging process. The status indicator light will change to indicate active charging.
4. **Adjusting Amperage:** The Grizzl-E Duo allows for adjustable amperage settings (40A, 32A, 24A, 16A). Refer to the specific instructions provided with your unit for how to change these settings, typically via a dip switch or internal configuration.

5. **Intelligent Power-Sharing:** When two vehicles are connected, the charger intelligently distributes the available current to maximize charging efficiency for both. If only one vehicle is connected, it will receive up to 10kW of power.
6. **Disconnecting:** To stop charging, first disconnect the J1772 connector from your vehicle. The charger will cease power delivery.

The Grizzl-E Duo is compatible with all Electric Vehicles (EVs) and Plug-in Hybrid Electric Vehicles (PHEVs) sold in North America that use the J1772 charging standard.



Figure 5: Compatibility of the Grizzl-E Duo with a wide range of electric and plug-in hybrid vehicles.

4. MAINTENANCE

The Grizzl-E Duo is designed for durability and requires minimal maintenance. Its NEMA 4 enclosure provides excellent protection against environmental elements.

- **Cleaning:** Periodically wipe the exterior of the charger and cables with a damp cloth to remove dust and

dirt. Do not use harsh chemicals or abrasive cleaners.

- **Cable Inspection:** Regularly inspect the charging cables and connectors for any signs of wear, damage, or fraying. If any damage is observed, discontinue use and contact customer support.
- **Environmental Protection:** While designed for outdoor use, ensure the unit is not submerged in water and that its ventilation points remain clear of debris.

5. TROUBLESHOOTING

The Grizzl-E Duo includes internal error monitoring to help identify and address potential issues. If you encounter a problem, consider the following:

- **No Power:**
 - Check if the NEMA 14-50R outlet has power. Test with another appliance if possible.
 - Ensure the charger's plug is fully inserted into the outlet.
 - Check your home's circuit breaker panel for tripped breakers.
- **Charging Not Initiating:**
 - Ensure the J1772 connector is fully and securely inserted into the vehicle's charging port.
 - Verify that your vehicle's charging settings are configured correctly (e.g., not set to a delayed charge).
 - Check the charger's status indicator light for any error codes or patterns. Refer to the full product manual for specific light indications.
- **Reduced Charging Speed:**
 - If two vehicles are charging, the power is shared. This is normal operation.
 - Verify the amperage setting on the charger.
 - Ensure your vehicle is capable of accepting the full charging rate.
- **Error Indicator Light:** If an error light is illuminated, disconnect the charger from both the vehicle and the power outlet for a few minutes, then reconnect. If the error persists, contact Grizzl-E customer support with details of the error indication.

For more detailed troubleshooting steps or issues not covered here, please refer to the comprehensive online manual or contact Grizzl-E customer support.

6. SPECIFICATIONS

Attribute	Value
Brand	Grizzl-E
Model Number	GCD-14-24-P

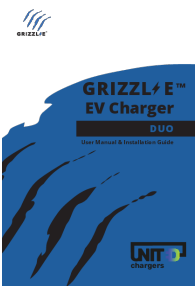
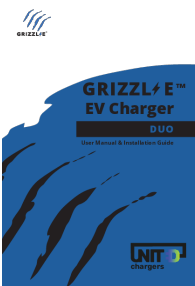



Manufacturer	United Chargers
Item Weight	29.3 pounds
Product Dimensions (L x W x H)	14 x 16 x 16 inches
Wattage	10000 watts
Input Voltage	240 Volts
Output Voltage	240 Volts (AC)
Plug Format	NEMA 14-50
Cable Length	Two 24-foot (7.3m) J1772 cables
Enclosure Rating	NEMA 4, IP67 Water-resistant, Fire resistant
Certifications	UL Certified


7. WARRANTY AND SUPPORT

The Grizzl-E Duo EV Charger comes with a comprehensive warranty and dedicated customer support.

- **Warranty:** A 3-year technical warranty is provided, covering defects in materials and workmanship under normal use.
- **Customer Support:** Grizzl-E is committed to providing "Unprecedented Support" and "Life Time Support" for its products. For technical assistance, troubleshooting, or warranty claims, please visit the official Grizzl-E website or contact their customer service department.

For more information and to access additional resources, please visit the official [Grizzl-E Store on Amazon](#).

	<p>GRIZZL-E Duo EV Charger User Manual & Installation Guide</p> <p>Comprehensive user manual and installation guide for the GRIZZL-E Duo dual electric vehicle charging station. Covers features, specifications, safety instructions, installation steps, operation, and warranty.</p>
	<p>GRIZZL-E Duo EV Charger: User Manual & Installation Guide</p> <p>Official user manual and installation guide for the GRIZZL-E Duo EV Charger. Learn about its dual-port charging, intelligent power sharing, adjustable current settings, and installation process for home EV charging.</p>
	<p>Grizzl-E Smart EV Charger User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for the Grizzl-E Smart EV Charger, detailing features, safety instructions, installation procedures, troubleshooting, and warranty information.</p>
	<p>Grizzl-E Smart EV Charger Connect User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for the Grizzl-E Smart EV Charger Connect, detailing setup, operation, safety instructions, and troubleshooting for electric vehicle charging by United Chargers.</p>
	<p>Grizzl-E Mini EV Charger: User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for the Grizzl-E Mini EV Charging Station, covering setup, operation, smart features, safety, and warranty information. Learn how to install, configure, and use your Grizzl-E Mini charger effectively.</p>

	<p>GRIZZL-E Classic Home EV Charging Station User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for the GRIZZL-E Classic Home EV Charging Station. Covers product features, specifications, safety instructions, installation procedures, operation, and warranty information.</p>
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