

Grizzl-E GR1-14-24-PB

Grizzl-E Classic Level 2 EV Charger User Manual

Brand: Grizzl-E | Model: GR1-14-24-PB

1. INTRODUCTION

The Grizzl-E Classic is a robust and reliable Level 2 Electric Vehicle (EV) charging station designed for both indoor and outdoor use. This manual provides essential information for the safe and efficient operation of your Grizzl-E charger.

Key Features

- **Universal Compatibility:** Compatible with all Electric Vehicles (EVs) and Plug-in Hybrid Electric Vehicles (PHEVs) sold in North America.
- **Fast Charging:** Adjustable amperage settings (40A, 32A, 24A, 16A) for optimal charge rates, delivering up to 28-30 miles per hour at 40A.
- **Durable Construction:** Features a UL Certified, metal case enclosure with IP67 water resistance and fire resistance for extreme weather conditions.
- **Advanced Safety:** Equipped with Over Current, Over Voltage, Under Voltage, Missing Diode, Ground Fault, and Over Temperature Protections. Includes Self-Monitoring and Recovery, Power Outage Recovery, and a Built-in GFCI.
- **Easy Installation:** Designed for simple plug-in installation with a NEMA 14-50 plug, saving on complex wiring costs.



Figure 1.1: Grizzl-E Classic EV Charger with NEMA 14-50 plug and charging cable.

HIGH-SPEED

EV charging *indoor/outdoor*



up to
Amps **40**



7x faster
charge



Figure 1.2: High-speed charging capabilities and indoor/outdoor suitability.

**Compatible with all *ELECTRIC*
and *PLUG-IN* hybrid vehicles
manufactured in North America**



Chevrolet Bolt



KIA EV6



Hyundai Kona



Tesla



Volkswagen ID.4



Rivian



Nissan Leaf



Lucid



Mini Cooper



Hyundai Ioniq



Ford Mustang
Mach-E



Volvo
Polestar



Figure 1.3: Compatibility with a wide range of electric vehicles.

2. SETUP AND INSTALLATION

The Grizzl-E Classic charger is designed for straightforward installation. It can be plugged into an existing NEMA 14-50 outlet or hardwired by a qualified electrician.

Package Contents

Ensure all components are present before beginning installation:

- Grizzl-E Classic EV Charger Unit
- Mounting Bracket + screws
- Easy EV Plug, J1772 type + screws
- Pin
- Backplate Cradle + screws

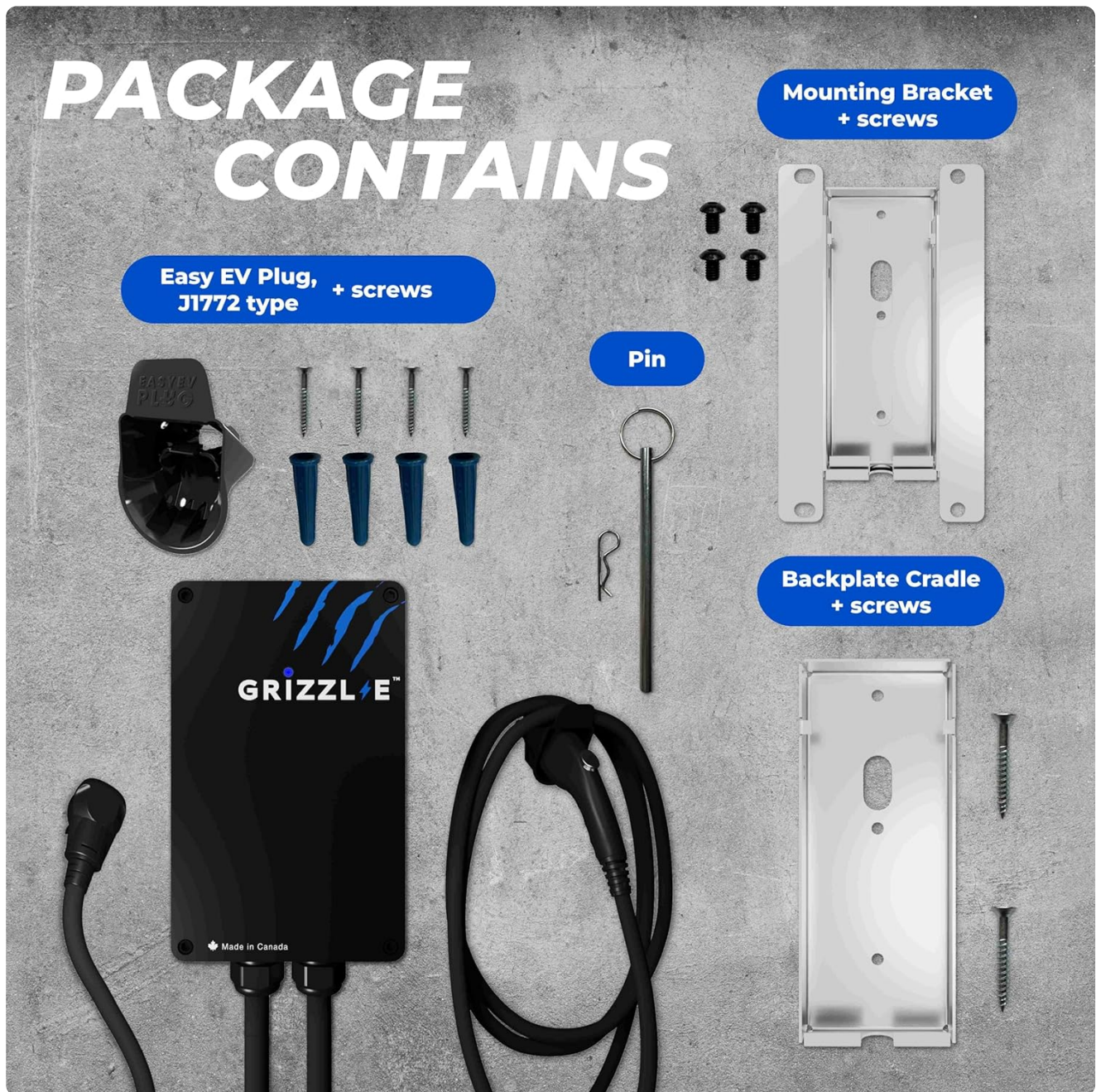


Figure 2.1: Components included in the Grizzl-E Classic package.

Installation Steps (NEMA 14-50 Plug-in)

1. **Choose Location:** Select a suitable location near your parking spot with access to a NEMA 14-50 outlet. The unit is rated for indoor/outdoor use.
2. **Mounting:** Securely attach the mounting bracket to a wall stud or appropriate anchor points using the provided screws.
3. **Attach Charger:** Slide the Grizzl-E charger unit onto the mounted bracket.
4. **Plug In:** Insert the NEMA 14-50 plug into the dedicated 240V NEMA 14-50 receptacle.
5. **Secure Cable:** Use the provided J1772 plug holder and backplate cradle to neatly store the charging cable and connector when not in use.

For hardwired installations, it is highly recommended to consult a certified electrician to ensure compliance with local electrical codes and safety standards.

3. OPERATING INSTRUCTIONS

Operating the Grizzl-E Classic charger is simple and intuitive.

Charging Your EV

1. **Connect to EV:** Open your vehicle's charging port cover. Take the J1772 connector from the Grizzl-E charger and firmly insert it into your vehicle's charging port until you hear a click, indicating a secure connection.
2. **Initiate Charging:** The charger will automatically begin the charging process. The LED indicator on the Grizzl-E unit will illuminate to show charging status.
3. **Monitor Charging:** You can monitor the charging progress through your vehicle's dashboard or companion app, if available.
4. **End Charging:** To stop charging, first unlock your vehicle (if applicable), then press the release button on the J1772 connector and pull it out from your vehicle's charging port.
5. **Store Cable:** Return the J1772 connector to its holder on the Grizzl-E unit to keep it protected and organized.

Adjusting Amperage

The Grizzl-E Classic allows for adjustable maximum current output to match your circuit breaker capacity. The available settings are 40A, 32A, 24A, and 16A. Refer to the internal dip switches for adjustment, typically found by opening the unit's enclosure (consult a qualified electrician if unsure).

- **40 Amps:** For 50A circuit breaker.
- **32 Amps:** For 40A circuit breaker.
- **24 Amps:** For 30A circuit breaker.
- **16 Amps:** For 20A circuit breaker.

4. MAINTENANCE

The Grizzl-E Classic charger is built for durability and requires minimal maintenance.

- **Regular Cleaning:** Periodically wipe down the exterior of the charger and cable with a soft, damp cloth to remove dust and dirt. Avoid using harsh chemicals or abrasive cleaners.
- **Inspect Cable and Connector:** Regularly check the charging cable and J1772 connector for any signs of wear, damage, or fraying. Ensure the pins on the connector are clean and free of debris.
- **Environmental Protection:** The unit is IP67 rated for water resistance, meaning it is protected against immersion in water up to 1 meter for 30 minutes. It is also fire resistant. However, avoid prolonged exposure to extreme conditions if possible to extend product life.
- **Connection Check:** Ensure the NEMA 14-50 plug (if applicable) remains securely seated in the outlet.

5. TROUBLESHOOTING

The Grizzl-E Classic charger is equipped with self-monitoring and recovery features to handle common issues. If you

encounter a problem, try the following steps:

- **No Power/No Charging:**
 - Check if the NEMA 14-50 plug is fully inserted into the outlet.
 - Verify that the circuit breaker for the outlet has not tripped. Reset if necessary.
 - Ensure the J1772 connector is securely plugged into your vehicle's charging port.
 - Check your vehicle's charging settings to ensure it is ready to accept a charge.
- **Intermittent Charging:**
 - Inspect the charging cable and connector for any visible damage or loose connections.
 - Ensure the charger is not exposed to extreme temperatures that might trigger its over-temperature protection.
- **Error Indicators:** The Grizzl-E charger has built-in protections for Over Current, Over Voltage, Under Voltage, Missing Diode, Ground Fault, and Over Temperature. If an issue is detected, the unit is designed for Self-Monitoring and Recovery. Allow the unit to reset itself.
- **Power Outage Recovery:** In case of a power outage, the charger is designed to automatically resume charging once power is restored.

If problems persist after attempting these steps, please contact Grizzl-E customer support for further assistance.

6. SPECIFICATIONS

Manufacturer	United Chargers Inc.
Brand	Grizzl-E
Model	GR1-14-24-PB
Item Weight	16.76 pounds
Package Dimensions	15.75 x 13.75 x 9.5 inches
Country of Origin	Canada
Item Model Number	GR1
Manufacturer Part Number	GR1
Certification	UL Full Tested and Certified
Ingress Protection (IP) Rating	IP67 (Water resistant)
Cable Length	24 Feet
Input Plug Type	NEMA 14-50
Adjustable Amperage	40A, 32A, 24A, 16A
Charge Rate (40A)	28-30 miles per hour

7. WARRANTY AND SUPPORT

Grizzl-E chargers are known for their durability and reliable performance, backed by comprehensive support.

Warranty Information

The Grizzl-E Classic charger typically comes with a **3-year warranty**, ensuring peace of mind regarding its quality and performance. Please refer to your product's specific warranty card or the manufacturer's official website for detailed terms and conditions.

YEARS
3
WARRANTY

UL
CERTIFIED

UNPRECEDENTED
SUPPORT

GRIZZL-E™

Made in Canada

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

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

Figure 7.1: Warranty and safety features of the Grizzl-E charger.


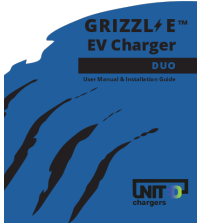
Customer Support

For any technical assistance, troubleshooting, or warranty claims, please contact United Chargers Inc., the manufacturer of Grizzl-E products. They are committed to providing excellent customer support.

- **Manufacturer:** United Chargers Inc.
- **Contact Information:** Refer to the official Grizzl-E website or your product packaging for the most current contact details, including phone numbers and email support.

Related Documents - GR1-14-24-PB

	<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>
	<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 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 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 Mini EV Charger User Manual and Installation Guide</p> <p>This user manual and installation guide provides comprehensive instructions for the Grizzl-E Mini EV Charging Station, covering setup, operation, safety features, technical specifications, smart features, and warranty information.</p>
	<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>