

[Manuals.plus](#) /

› [ShockFlo](#) /

› ShockFlo G1 Level 2 EV Charger Instruction Manual

ShockFlo G1 Level 2 EV Charger

ShockFlo G1 Level 2 EV Charger Instruction Manual

Model: G1 Level 2 EV Charger

INTRODUCTION

The ShockFlo G1 Level 2 EV Charger is designed to provide efficient and convenient electric vehicle charging. This portable unit offers adjustable current settings and a timing delay function, making it suitable for various charging needs at home or on the go. With its robust safety features and user-friendly design, the G1 charger ensures a reliable charging experience.

WHAT'S IN THE BOX

- Level 2 EV Charger with NEMA 14-50 Plug and 20FT Cable
- 1 Storage Bag
- 1 Set Detachable Fixed Bracket



An overview of the ShockFlo G1 Level 2 EV Charger, including the main control unit, J1772 connector, NEMA 14-50P plug, 20-foot cable, storage bag, and wall-mount bracket.

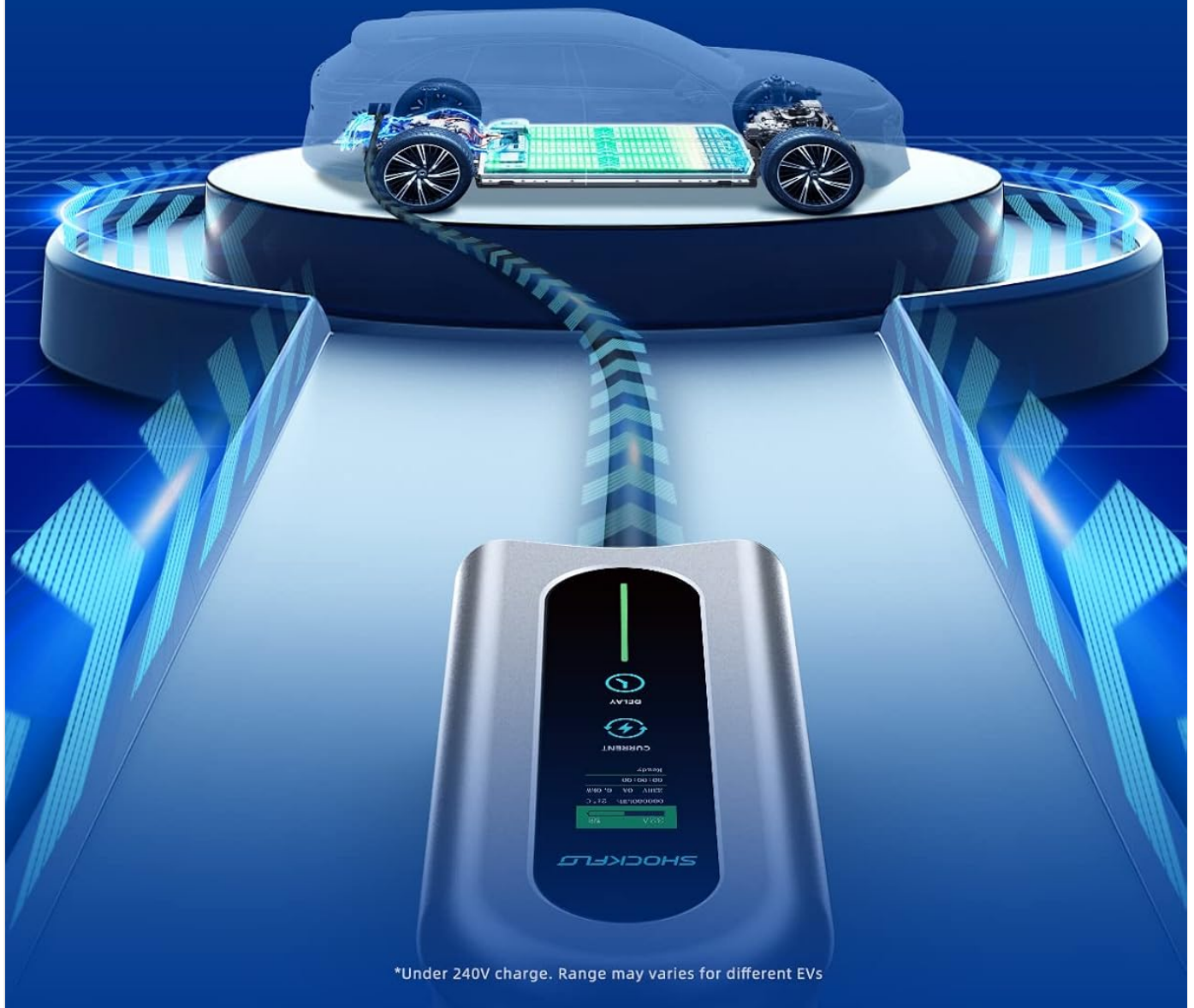
PRODUCT FEATURES

- **Fast Charging:** Charges up to 6 times faster than standard chargers, delivering approximately 24 miles of range per hour at 32A/240V (7.6kW).
- **Adjustable Current:** Selectable current options from 10A, 16A, 20A, 24A, to 32A to suit your charging needs and electrical capacity.
- **Timing Delay:** Set a delayed charging start time from 1 to 12 hours to take advantage of off-peak electricity rates.
- **Portable & Wall-Mountable:** Designed for both portability with an included storage bag and permanent installation using the provided wall-mount accessory.
- **Long Cable:** Equipped with a 20-foot charging cable for convenient reach in most driveways or garages.

- **Plug-and-Play Operation:** Simple plug-in design for immediate use without complex installation.
- **Durable & Waterproof:** Constructed for durability and rated IP67 waterproof, ensuring reliable operation in various weather conditions.

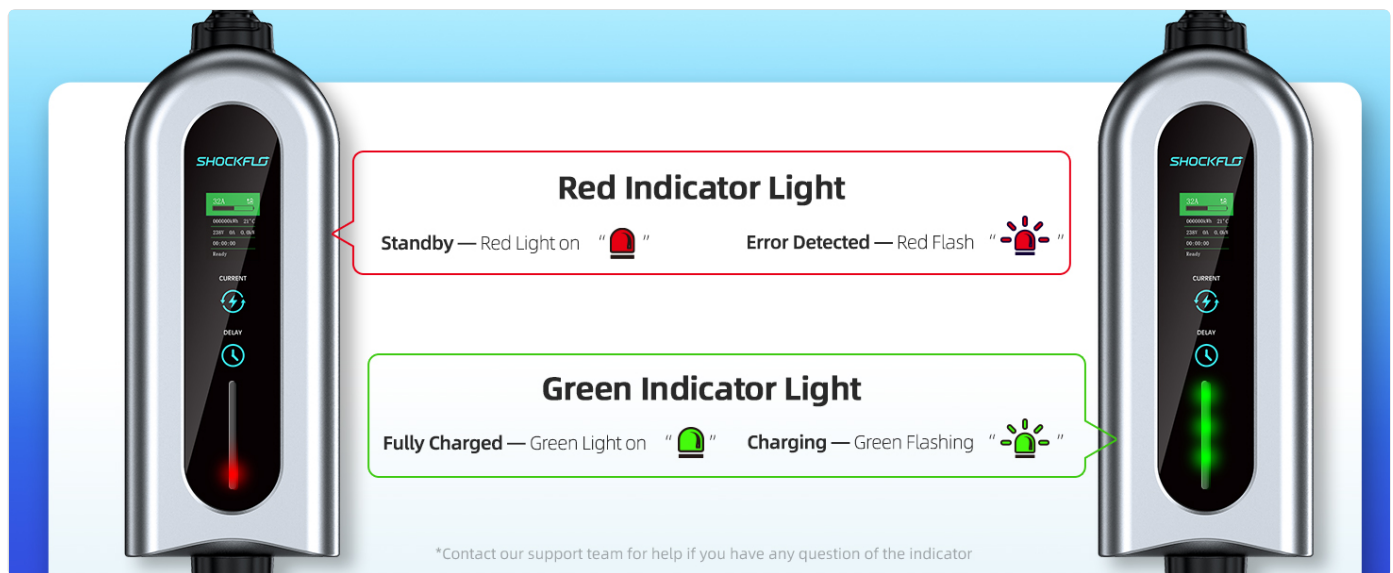
6X Faster Charging

Boost up charging speed 6 times as standard charger



*Under 240V charge. Range may varies for different EVs

An illustration demonstrating the charging speed of the ShockFlo G1 EV Charger, indicating that 1 hour of 32A charging can provide approximately 24 miles of range, significantly faster than standard chargers.



The charger's IP67 waterproof rating ensures protection against water and dust, making it suitable for outdoor use.

SETUP

1. Wall Mounting (Optional)

If you prefer a permanent charging station, use the included detachable fixed bracket and screws to mount the charger securely to a wall. Ensure the mounting location is near a NEMA 14-50P outlet and provides sufficient space for cable management.

2. Power Connection

Plug the NEMA 14-50P plug of the charger into a compatible 240V NEMA 14-50 outlet. The charger's display will illuminate, indicating it is powered on and in standby mode.

3. Vehicle Connection

Connect the J1772 charging connector to your electric vehicle's charging port. Ensure a firm and secure connection. For Tesla vehicles, a J1772 to Tesla adapter (not included) is required.

Portable Level 2 EV Charger

Plug-play and charger wherever with 20FT cable



The ShockFlo G1 EV Charger shown in two scenarios: plugged into a NEMA 14-50 outlet on a wall with the cable extending to a car, and being carried in its portable configuration, highlighting its versatility.



A visual guide demonstrating the correct method of inserting the J1772 charging plug into an EV's charging port (left, green checkmark) and an incorrect, forced insertion (right, red X).

OPERATING INSTRUCTIONS

1. Adjusting Current

Before connecting to your vehicle, press the "Current" button on the charger's display to cycle through the available amperage settings (10A, 16A, 20A, 24A, 32A). Select the desired current based on your vehicle's requirements and your electrical circuit's capacity. Note: For optimal safety, ensure your circuit breaker can support the selected amperage (e.g., 40A circuit breaker for Max 32A output; 30A circuit breaker for Max 24A output).

2. Setting Delay Start

To set a delayed charging start time, press the "Delay" button on the display. You can set a delay from 1 to 12 hours. This feature is useful for scheduling charging during off-peak electricity hours to save costs.

3. Monitoring Charging Status

The charger's display provides real-time information including kilowatt-hours (kWh) charged, voltage, amperage, power (kW), and charging time. The indicator lights also provide a quick visual status:

- **Red Light:** Solid for standby, flashing for error detected.
- **Green Light:** Solid for fully charged, flashing for actively charging.

Match Charging Different Need



Adjustable Current
(Satisfy amp setting)

10A
16A
20A
24A
32A



Adjustable Time
(Save electricity cost)

8:00
9:00
10:00
11:00
12:00



The charger's control panel illustrating how to adjust charging current (10A to 32A) and set a delayed charging start time (1-12 hours) to optimize charging based on user needs or electricity rates.



A diagram explaining the meaning of the charger's indicator lights: a red light for standby or error detection, and a green light for fully charged (solid) or actively charging (flashing).



An image depicting the charger's ability to set a delayed charging start time, allowing users to charge during off-peak hours to save on electricity costs.

Safety Information

The ShockFlo G1 EV Charger is designed with multiple safety features and holds important certifications to ensure safe operation:

- **Certifications:** ETL and FCC certified.
- **Built-in Protection System:** Includes protection against lightning, current leakage, grounding faults, low-voltage, over-voltage, over-charge, over-heat, and over-current.
- **Automatic Power-Off:** The charger will automatically power off when the vehicle is fully charged to enhance safety and protect battery life.
- **Temperature Monitoring:** The display shows the internal temperature of the charger, allowing users to monitor for overheating, especially during prolonged charging sessions or in hot environments.
- **Slow Charging Note:** The EV Charger may charge slowly when the battery reaches 80% capacity or when the temperature rises to a high point. This is a safety feature to protect your car and extend battery service life.

Upgrade Protection Charging System

Power off automatically when finished charging



An X-ray view of the charger's internal circuitry, highlighting its comprehensive built-in protection system against lightning, current leakage, grounding issues, low/over-voltage, over-charge, over-heat, and over-current.

Safe Certification Reliable Charging



The ShockFlo G1 EV Charger displayed alongside its ETL and FCC certification documents, confirming its adherence to safety and quality standards.

COMPATIBILITY

The ShockFlo G1 Level 2 EV Charger is compatible with all electric vehicles equipped with an SAE J1772 charging port. This includes a wide range of popular EV models from manufacturers such as:

- BMW
- Ford
- Rivian R1T
- Lucid Air
- GMC Sierra
- VOLVO XC40
- Nissan LEAF series
- Toyota (RAV4, CAMRY)
- HONDA CR-V
- CHEVROLET (Bolt EV, EUV, Volt)

Note for Tesla Owners: Tesla vehicles require a separate J1772 to Tesla adapter to use this charger.



For All J1772 EV Charging Port



Nissan
Leaf Series



Toyota
Prius Prime, RAV4 Prime...



BMW
i3, 5 Series 530e...



Ford
Fusion Energi, C-Max Energi...



Honda
Clarity Electric/PHEV...



Audi
e-tron, e-tron Sportback



Chevrolet
Volt, Bolt EV, EUV...



Hyundai
Ioniq, Kona Electric...

An image showcasing the J1772 charging connector and a list of compatible electric vehicle brands such as Nissan, Toyota, BMW, Ford, Honda, Audi, Chevrolet, and Hyundai, noting that Tesla vehicles require an adapter.

MAINTENANCE

- **Cleaning:** Regularly wipe the charger unit and cables with a dry, clean cloth to remove dust and debris. Do not use abrasive cleaners or solvents.
- **Cable Care:** Avoid kinking or bending the charging cable sharply. Store the cable neatly when not in use, ideally in

the provided storage bag.

- **Storage:** When not in use, store the charger in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the charger, cable, and plugs for any signs of damage, wear, or corrosion. If any damage is found, discontinue use and contact customer support.

TROUBLESHOOTING

- **Charger Not Powering On:** Ensure the NEMA 14-50P plug is fully and securely inserted into the wall outlet. Check the circuit breaker for the outlet to ensure it has not tripped.
- **Charging Not Initiating:** Verify that the J1772 connector is properly and securely plugged into the vehicle's charging port. Check the charger's display for any error messages (red flashing light). Ensure the vehicle's charging settings are correctly configured.
- **Slow Charging:** If charging is slower than expected, check the selected current setting on the charger's display. Also, note that charging speed may reduce when the vehicle's battery reaches 80% or if the charger's internal temperature rises, as a protective measure.
- **Error Indication:** If the red indicator light is flashing, an error has been detected. Refer to the display for specific error codes or contact customer support for assistance.

SPECIFICATIONS

Brand	ShockFlo
Model	G1 Level 2 EV Charger
Input Voltage	240V
Max Current	32A
Max Power Output	7.6 kW
Plug Type	NEMA 14-50P
Connector Type	SAE J1772
Cable Length	20 Feet
Item Weight	7 pounds
Product Dimensions	17.32 x 13.38 x 5.11 inches
Safety Certifications	ETL, FCC Certification
Model Number	8639S008US
Date First Available	February 9, 2023

WARRANTY AND SUPPORT

The ShockFlo G1 Level 2 EV Charger comes with a **2-Year Warranty** from the date of purchase, covering manufacturing defects and malfunctions under normal use. For warranty claims, technical support, or any inquiries regarding your charger, please contact ShockFlo customer service through the retailer's platform or the official ShockFlo website. Please retain your proof of purchase for warranty validation.

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