Portable Electric Vehicle Charging Station
30A Level 2 Charger, Single Port - 12kW Gas/Propane Generator
Instruction Manual

Thank you for your purchase of the Larson Electronics EV-CHS-PCS.G-1P-240V-M1 portable electric vehicle charger. Please read and retain these instructions and your vehicle's owner's manual before charging your EV.

WARNINGS:

- **Carefully read these instructions and your vehicle owner's manual before charging your EV.**
- **DO not use this product if the EV charging cable is damaged.**
- **For use with EV charging only.**
- **DO not use this unit with an extension cord or adapter.**
- **DO not insert any fingers into the charging plug.**
- **If the unit does not work properly in accordance with the operating instructions, do not use this unit. Contact Larson Electronics for a repair or replacement.**
- **Use the product under normal conditions away from high temperature, erosive materials, or ignition source.**
- **DO not contact metal conductor to prevent electric shock accident.**

The EV-CHS-PCS.G-1P-240V-M1 Portable Electric Vehicle Charging Station from Larson Electronics is a portable EV charger for roadside assistance, emergency charging, temporary sites, commercial locations and remote areas. This station has one port and offers Level 2 charging with 7.2 kW output (powered by a dual fuel generator). The 30-amp portable EV charging station can be used to charge Nissan, Chevrolet, BMW, Ford, Tesla and other electric vehicles compatible with SAEJ1772 adapters or connectors. Compared to stock EV charging cables, this system is capable of charging EVs up to 6x faster.

Operations and Quick Start Guide

The EV-CHS-PCS.G-1P-240V-M1 is a portable unit that can be deployed for temporary use, and features 4 wheels and a swiveling front axle to allow for easy maneuverability to the desired location. Roll unit to a flat area near the EV to be charged. Recommend chocking the wheels to prevent unwanted movement during EV charging. Follow these steps to begin charging your EV: **(see generator specific manual if using propane instead of gasoline)**

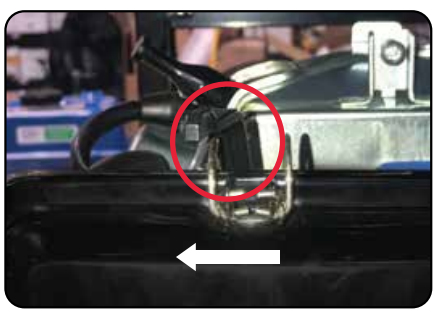
- Open the side doors on the unit and secure the top door using the safety cable and available eyehook on top of the unit. Bottom door can be folded in half and secured using the locking mechanism in the available slot on the inside of the door. Verify there is fuel available in the generator. Fill if needed, or connect propane. Inspect the unit, connections, fuel lines, and cables for any damages. Do not use if any is found.





- Start the generator by first turning the fuel valve ON, and closing the choke. Turn the key in the ignition on the outside of the unit, and hold in the start position until the generator starts up. This typically takes a few seconds.





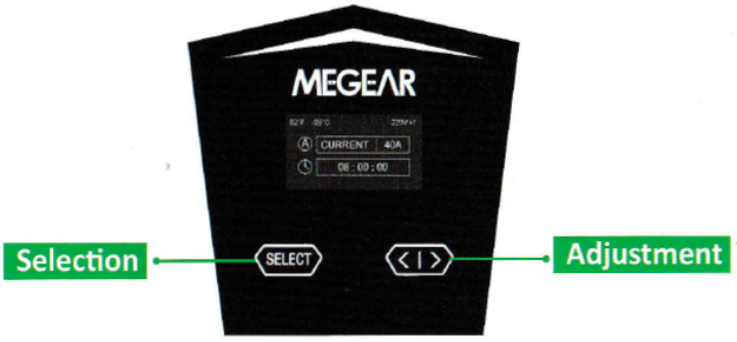


- Once the generator is up and running, open the choke again by moving the lever back to the right, verify the Idle Control switch is ON, and allow the idle of the motor to stabilize for a minute or two. Once generator is running smoothly, locate the breaker on the control panel and flip it into the "ON" position to allow the unit to start charging.



- Use the voltage selector switch to set the desired voltage, and verify the correct output on the Volt Meter readout. Set the desired current and timer settings on the Charge Controller. Press SELECT to choose the parameter to change, then < > keys to change them. See vehicle Owner's Manual for approved charging ratings and speeds.





- Once generator and charge controller are configured to desired settings, connect the charging plug to your vehicle charging port. The plug will lock into place when pressed all the way into the socket. Verify unit is charging via the Charge Controller readout.





- Once charging is complete, turn the off the charging breaker on the generator, and turn off the generator using the key in the ignition on the outside of the unit, turning in the opposite direction of "START". Place charging plug back into holder on charging station.

USE AND CARE

Unauthorized modification may impair the function and/or safety of this device and could affect the life of the equipment. Always check for damaged or worn out parts before using the device. Store it in a secure place out of the reach of children when not in use. Inspect for good working condition prior to storage and before re-use.

REPLACEMENT PARTS

The EV-CHS-PCS.G-1P-240V-M1 is designed to provide years of reliable performance. Should the need for replacement parts or repair arise, please contact Larson Electronics.





THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-877-348-9680 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.