



Level One Electric Vehicle Charging Station

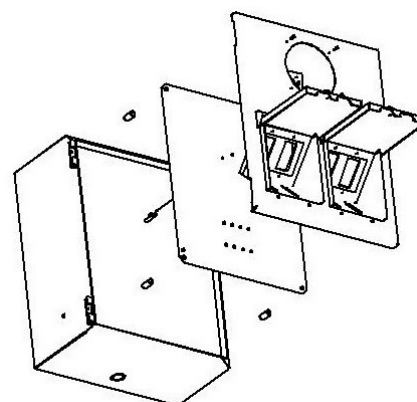
Wall Mount

Product Guide

Model # **WU-120**



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⚠ DANGER



**Hazardous voltage.
Can cause severe injury
or death.**

**Turn off main power
before opening
panel.**

⚠ WARNING

Turn off or disconnect the power supplying this equipment before beginning work.

This may require that you contact your electric utility to disconnect power to an existing load-center. The line side of the main breaker is energized unless power is disconnected upstream. ShorePower Technologies will not assume responsibility for property damage or personal injury resulting from misuse of the information in this publication

⚠ WARNING

ShorePower Technologies strongly recommends that these products be installed by a qualified electrical professional

IMPORTANT – INSTALL EQUIPMENT IN CONFORMANCE WITH CODES

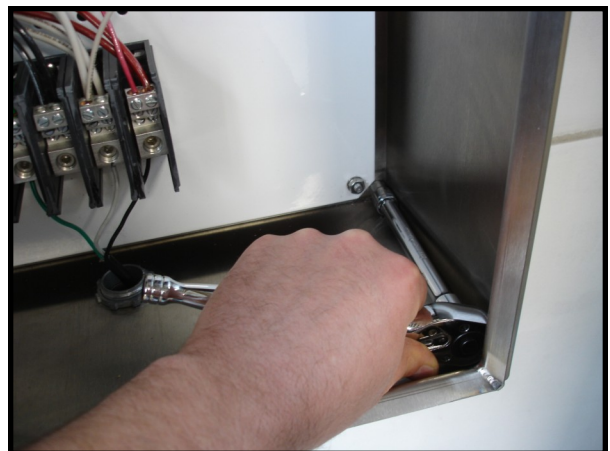
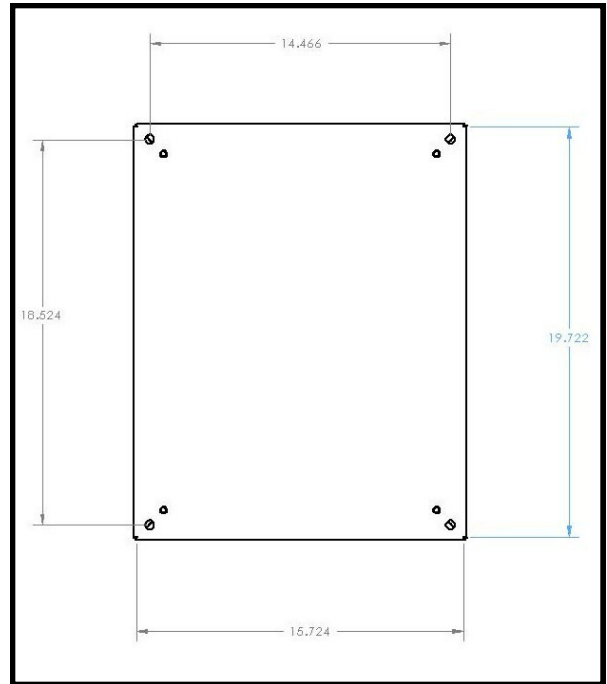
This product must be installed in accordance with the National Electrical Code (NEC) or the Canadian Electrical Code (CEC) and any applicable local codes. Before installing equipment, check with your local electrical inspector for requirements and information. If you have questions or need assistance, contact a qualified electrical contractor.

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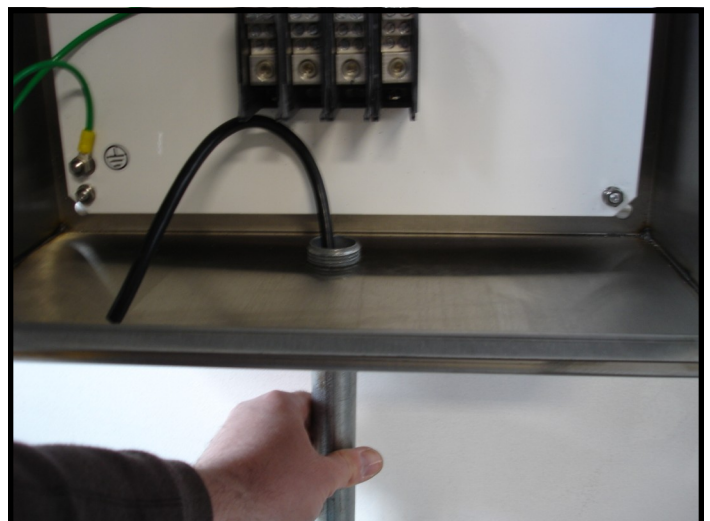
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Installation & Mounting

1. Using Diagram 1, mark the mounting bolt pattern on your mounting surface
2. Drill Pilot holes into the mounting surface (Follow the fastener recommendations as to the depth and diameter of the pilot hole. Different materials will require different fasteners and pilot holes. I.e. Steel, Concrete, Wood.
3. Install appropriate fasteners through each of the four corners of the station from inside the station. See picture.



4. Locate the wiring conduit knockout at the base of the charging station. Select which knockout to punch by sizing against your conduit diameter.
5. Remove the selected knockout.
6. Insert the conduit pass through hardware into the knockout hole



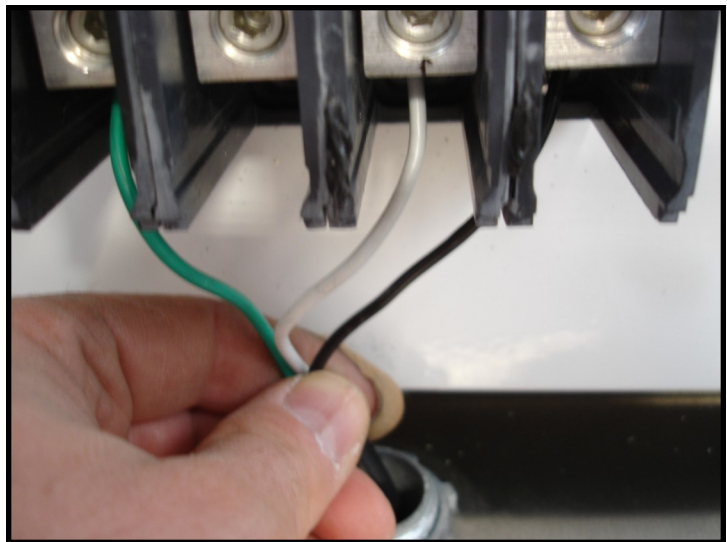
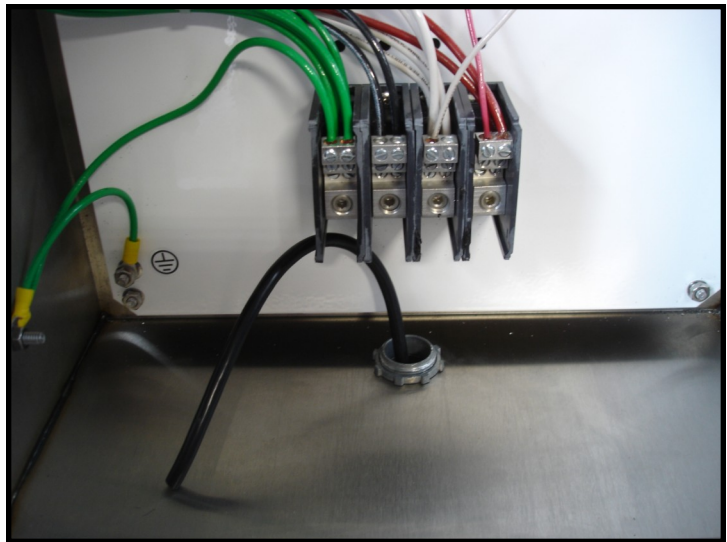
7. Attach the conduit hardware nut to the protruding conduit.
8. Tighten to the recommended specifications



9. Run the 4 conductor service cable through conduit into the charging station

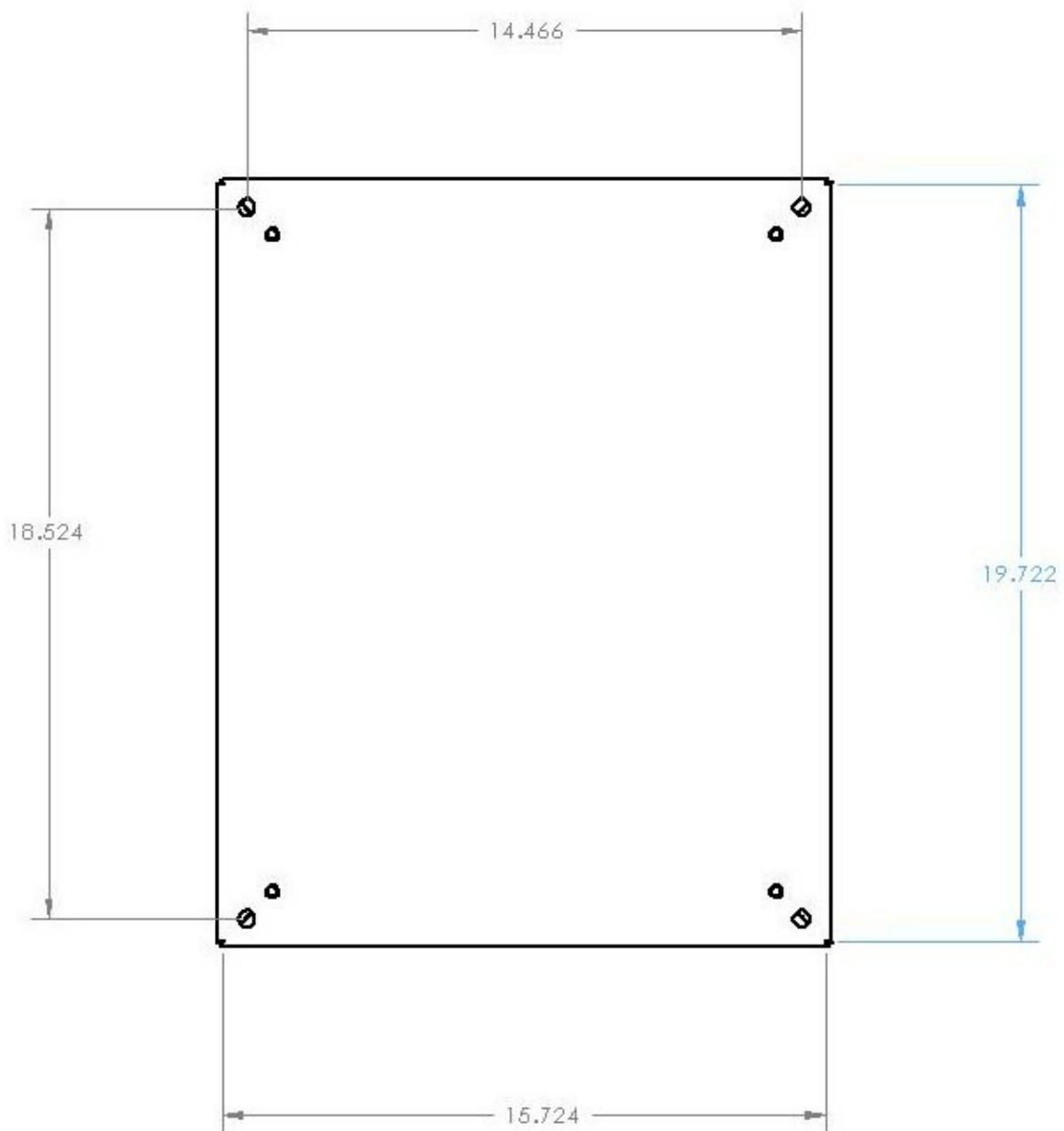
10. Connect each of the 4 leads to the appropriate distribution lugs as shown

11. Torque the allen head lug screws to the recommended specifications



Mounting Bolt Pattern is a **18.5" x 14.5"** Rectangle
as seen Below

Diagram 1



Usage

Shorepower Level 1 Charging Stations work like any standard 120 volt outlet with one exception. We recommend that the circuit breaker for the specific outlet you intend to use, be shut off prior to plugging in. Once plugged in, you can then switch the circuit breaker back on and commence charging.

1. Switch Circuit Breaker to the “Off” Position
2. Plug extension cord into Charging Station Outlet
3. Switch Circuit Breaker to the “On” Position

Reverse the process for disconnecting from charging station.



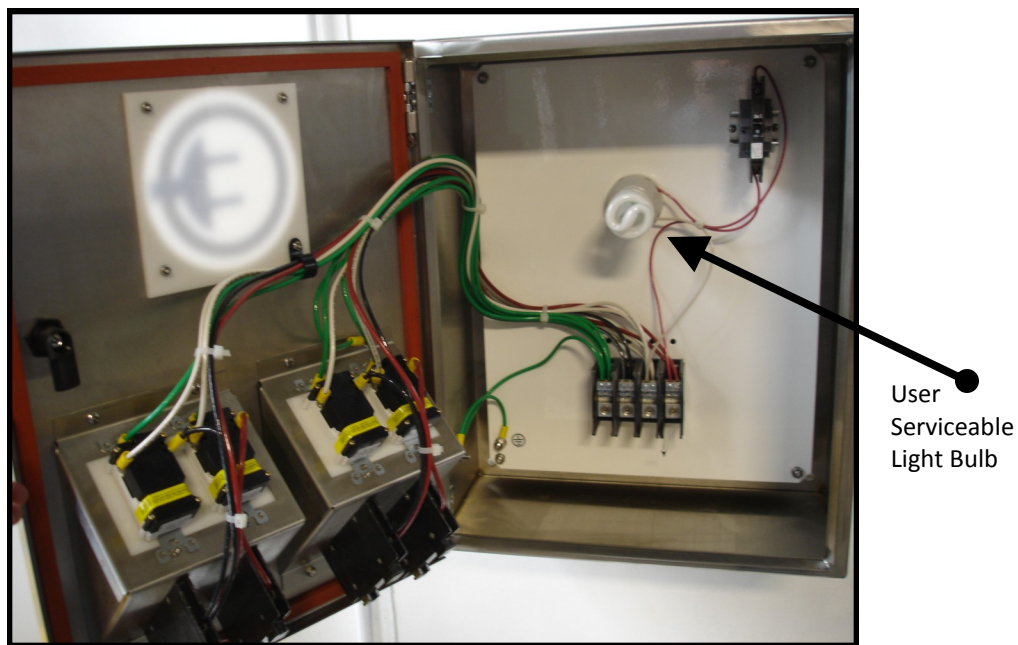
Maintenance & Cleaning

Regular maintenance is not generally required on ShorePower Charging Stations. However you may find the need to replace the illumination bulb within the Unit. To do so, follow these simple steps:

1. Shut off main power service to Charging Station
2. Open Station Access Panel by inserting the latch key supplied with station and turning counter clockwise
3. Grasp Bulb with soft cloth and turning counter clockwise until the bulb becomes free
4. Replace bulb with same compact fluorescent or equivalent incandescent

Cleaning:

- Use a soft damp cloth with a mild detergent to wipe exterior of unit with main power service off
- Standard Stainless Steel polish can be used on the exterior as needed



Troubleshooting

Problem: Charging Station Does not Light Up

Shut power to station off
Open charging station with the included door key
Verify that the lighting circuit breaker mounted on the back panel is switched to the on position
Remove the light bulb and test it a known good standard light fixture such as a table lamp

Problem: Charging Station does not charge Vehicle (No Power Output)

Verify all Circuit Breakers are in the on position
Verify no circuit breakers have been tripped by switching them to the full off position
Then back to the on position
If there is still no power, verify that the main power to the station is on. WARNING, SHOCK DANGER! Open charging station door and measure voltages at L1 and L2 of the Charging stations main input buss. You should read 110v—120v between L1 and N and L2 and N. If no power is found, you have a main supply issue.

Problem: Circuit Breaker will not stay “On”

If the circuit breaker will not stay in the on position, please disconnect any cords you May have connected. If the problem no longer exists, check your cords and vehicle for Circuits.
If the problem still exists, replace the circuit breaker in question

Features & Specifications

Input Power	Recommended 240 Volt or 208 Volt, 100 amp (min. 50 amp) 4 Wire Circuit
Output Power	4 Level 1 GFCI 120 Volt 20 Amp Outlets (NEMA 5-20R) One Station Serves up to 4 Vehicles
Material	Stainless Steel
Outdoor Rating	NEMA
Dimensions	H20" x W16" x D9" Weight 40 Pnds apx.
Visibility	Backlit Outlets and ShorePower Logo for Nighttime Visibility
Upgradability	Fully Upgradable to future Level 2, SAE J1772 Stan- dards, with corded Connector
Warranty	Full 10 Year Warranty against Defects in workman- ship and materials. (Excluding Outlets)
Safety	Hi Visibility Ground Fault Circuit Interrupt equipped Outlets

Accessories

Payment and Monitoring Control System



ShorePower Accessory payment and monitoring control system allows owners to:

- Optionally charge customers for use of the charging station
- Switch Power ports on and off via our web interface
- Meter power usage per individual power outlet and access Statistical data via our web interface

Call ShorePower Technologies for Pricing and detailed information 503-892-7345

Warranty

Limited Warranty

ShorePower Technologies warrants its factory-installed wall mount charging station, free standing charging station, and TSE Pedestals to be free from failure due to defects in material and workmanship under normal care and proper usage in a residential installation which fully complies with all National Electrical Code requirements for a period of 1 years from the date of installation.

In the event the product fails to comply with this warranty, ShorePower Technologies will, at its option, either repair or replace the product at without charge. To obtain warranty service the purchaser should return the product to the place of purchase or deliver the product prepaid to ShorePower Technologies at the address set forth below. Proof of purchase in the form of a receipt or invoice, which is evidence that the unit is within the warranty period, must be presented to obtain warranty service.

ShorePower Charging Stations Additional Information

These warranties do not cover failure or damage due to improper storage, installation, operation, maintenance, accident, misuse, abuse or negligence. These warranties do not cover reimbursement for labor, transportation, gaining access, removal, installation, temporary power, or any other expenses that may be incurred in connection with repair or replacement of the ShorePower Technologies products.

The remedies as provided under these warranties are the exclusive remedy of the purchaser and the limit of the liability of ShorePower Technologies with respect to these products, whether in contract, in tort (including negligence or strict liability) or otherwise. ShorePower Technologies disclaims all other warranties, including without limitation any implied warranty of merchantability or of fitness for a particular purpose, and shall not be liable for any incidental or consequential damages.

With respect to products purchased by consumers of the United States for personal use, the implied warranties, including but not limited to the warranties of merchantability and of fitness for a particular purpose, are not excluded but are limited to the duration of the warranty period. Some states do not allow the exclusion or limitation of incidental or consequential damages or implied warranties, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

All product warranties are rendered null and void if a breaker other than those specifically listed by UL for use in the type BR product is installed.

SHOREPOWER TECHNOLOGIES
WARRANTY DEPARTMENT
2351 NW York St.
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Other ShorePower Products



**Level 1 & 2 Free Standing EV
Charging Stations**



Truck Stop Electrification Pedestals