Thank you for purchasing the Level 2 32A Electric Vehicle Charging Station. This installation sheet includes the latest information at the time of printing. Leviton reserves the right to make changes to this product without further notice. Changes or modifications to this product by other than an authorized service provider could void the product warranty. If you have questions about the use of this product, contact your Customer Service Representative. Refer to the Customer Support section located in these instructions.

**CAUTION:**

*Turn off power at circuit breaker and disconnect any wire from the charging station before proceeding with any other connections.*

**NOTE:**

*The installer should use caution when connecting to the electrical system.*

**WARNING:**

*Ensure your charging station is installed properly by an electrician or service technician.*

**IMPORTANT:**

*Contact your local building inspector or his representative for building requirements.*

**NOTE:**

*Units operate on 208/240V or 120/240V circuit only. Does not operate on 120V circuit.*

**Important Notes to the Consumer:**

*Keep these instructions with your user guide for future reference.*

- Ensure your charging station is installed properly by an electrician or service technician.

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**INTRODUCTION**

### MOUNTING LOCATION

- Appropriate conduit and applicable mounting hardware.
- Wall anchors capable of supporting a maximum allowable load of 200 lbs.
- Observe all governing codes and ordinances.
- As directed by the electrician or service technician.

**NOTE:**

*Unit operates on 208V or 240V circuit, it will not operate on 120V.*

**PLUG-IN INSTALLATION**

**NOTE:**

*Prior to a plug-in installation, assure the following items have been purchased:*
- NEMA 6-50 plug (Leviton Cat. No. N605-P)
- 18.5 inches of type SOOW cord with three 8 AWG wires (nominal O.D. 0.845")
- NEMA 6-50 plug (Leviton Cat. No. N605-P)
- Suggested Tool Kit:
  - Drill with 3/16” bit
  - Strain relief
  - 18.5 inches of type SOOW cord with three 8 AWG wires (nominal O.D. 0.845”)
  - NEMA 6-50 plug (Leviton Cat. No. N605-P)

**HARD-WIRE INSTALLATION**

**NOTE:**

*Prior to a plug-in installation, assure the following items have been purchased:*
- NEMA 6-50 plug (Leviton Cat. No. N605-P)
- 18.5 inches of type SOOW cord with three 8 AWG wires (nominal O.D. 0.845”)
- Strain relief suitable for cord (i.e. Heyco part no. M4348)
- Leviton Pre-Wire Kit

**NOTE:**

*The Plug In Charging Station must be installed with a Leviton Pre-Wire Kit (sold separately). Failure to do so makes the station no longer compliant with its UL listing. The listing requires the station be removable without tools. Refer to Pre-Wire Kit instructions if a mounting location has not been established.*

**NOTE:**

*A molded 6-50P power cord can be used, as long as the cord length is 18.5ft. If the SOOW cord and the NEMA 6-50 plug are purchased separately, assemble them per the NEMA 6-50 manufacturer’s instructions.*

1. Remove 6” of jacket from the cord’s free end.
2. Use a standard flat blade screwdriver to open the enclosure door from the side to gain access.
3. Remove plug from bottom of charging station enclosure.
4. Insert strain relief into the hole at bottom of enclosure, ensuring rubber washer is installed between strain relief and metal surface of enclosure. Secure strain relief in place with pliers and torque to 65 in-lb.
5. Insert the cord through the strain relief, leaving 12” of cord outside of enclosure.
6. Tighten the strain relief dome nut to 95 ± 2 in-lb.
7. Strip ground wire 1/2” and line wires 3/8”. Insert line wires (a and b) into the terminal block above the strain relief. Torque to 16 in-lb, see figure 4. Insert the ground wire (c) into the ground lug (see figure 4). Refer to table 1 for proper torque values.
8. Close enclosure door and secure lock with flat blade screwdriver. Place warranty void padlock onto the locking tab (see figure 5).
9. Locate the slot above the thumb screw. Locate the four mounting buttons on the back of the charging station (see figure 1).
10. Align the slot with the guide pin, and the four mounting buttons with the four key holes on the mounting bracket (NOTE: Bracket is mounted per Pre-Wire Kit Instructions).
11. Once aligned, gently press the charging station onto the mounting bracket.
12. Allow the charging station to slowly slide down into place.
13. Tighten the thumb screw to secure charging station to mounting bracket.

**PROCEED TO POWER CHARGING STATION section.**

**WARNING:**

*HARD WIRE INSTALLATION AND SERVICE MUST BE PERFORMED BY AN ELECTRICIAN.*

**CAUTION:**

*HARD WIRE INSTALLATION AND SERVICE MUST BE PERFORMED BY AN ELECTRICIAN.*

**IMPORTANT:**

*Contact your local building inspector or his representative for building requirements.*
TABLE 1

<table>
<thead>
<tr>
<th>Wire Gauge</th>
<th>Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 CU/AL</td>
<td>45 in-lbs</td>
</tr>
<tr>
<td>8 CU/AL</td>
<td>40 in-lbs</td>
</tr>
</tbody>
</table>

Figure 3 - Wiring Charging Station

Figure 4 - Wiring Charging Station

Figure 5 - Wiring Charging Station

POWER CHARGING STATION

NOTE: For Hard-Wire Installation, restore power at circuit breaker or fuse.

For Plug-In Installation, simply plug the AC Supply Cord into the NEMA 6-50R grounded 50A, 240VAC electrical outlet supplied with the pre-wire kit and in good working condition to start power up sequence.

Power Up Sequence

- The Power, Charging and Fault LEDs will illuminate momentarily followed by just the Power LED. The Charging Station will then initiate a self-test sequence.

**NOTE:** DO NOT plug the Charge Connector into the vehicle prior to the self-test; this may cause the Charging Station to go into Cold Load Pick-up, and delay charging.

- The Power LED will flash for approximately 3 seconds indicating the self-test, and then the Power LED will remain lit, indicating that the Charging Station is ready for use.

Refer to Level 2, 32A Electric Vehicle Charging Station User Guide for operation.

CUSTOMER SUPPORT

Call our Customer Support Hotline at 1-877-338-7473. If your call is made after business hours or on weekends, please leave your name, telephone number, the unit’s serial number, and a brief description of the problem. These can be found on the label on the left side of the Charging Station enclosure. A Customer Service Representative will call back at the earliest opportunity.

Many questions and answers can be found in our knowledge base community. Just go to leviton.com and click on the Knowledgebase link, or go directly to leviton.com/evrgreen.

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WARRANTY VOID Padlock Placement

Figure 6 - Wiring Diagram - 208V

Figure 7 - Wiring Diagram - 240V

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FOR CANADA ONLY

For warranty information and/or product returns, residents of Canada should contact Leviton in writing at Leviton Manufacturing of Canada Ltd to the attention of the Quality Assurance Department, 165 Hymus Blvd, Pointe-Claire (Quebec), Canada H9R 1E9 or by telephone at 1 800 405-5320.

LIMITED 3 YEAR WARRANTY AND EXCLUSIONS

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship under normal and proper use for three years from the purchase date. Leviton’s only obligation is to correct such defects by repair or replacement, at its option.

For details visit www.leviton.com or call 1-800-824-3005.

This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to three years. Leviton is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay or failure to perform this warranty obligation. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.