

LEDVANCE PHASE EV

Installation Guide

Level 2 Commercial Charger Pedestal

Item No: 78135

Model: EVCPEP

Base pedestal for use with EVC48ALVL2C1 (Level 2 Commercial EVSE).



WARNING

Please Read All Instructions Before Attempting Installation

- TO PREVENT PERSONAL INJURY OR PRODUCT DAMAGE ONLY LICENSED ELECTRICIANS SHOULD PROVIDE ALL INSTALLATION SERVICES.
- TO AVOID ELECTRIC SHOCK OR COMPONENT DAMAGE DISCONNECT POWER BEFORE ATTEMPTING INSTALLATION OR SERVICING.
- THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC) AND ALL APPLICABLE FEDERAL, STATE AND LOCAL ELECTRICAL CODES AND SAFETY STANDARDS.
- ANY ALTERATION OR MODIFICATION OF THIS PRODUCT IS EXPRESSLY FORBIDDEN AS IT MAY CAUSE SERIOUS PERSONAL INJURY, DEATH, PROPERTY DAMAGE AND/OR PRODUCT MALFUNCTION.
- TO PREVENT PRODUCT MALFUNCTION AND / OR ELECTRICAL SHOCK THIS PRODUCT MUST BE PROPERLY GROUNDED.

Safety Precautions












IMPORTANT:

READ CAREFULLY BEFORE INSTALLING THE PEDESTAL. RETAIN FOR FUTURE REFERENCE.

GENERAL:

Upon receipt of the pedestal, thoroughly inspect for any freight damage which should be brought to the attention of the delivery carrier.

What's Included

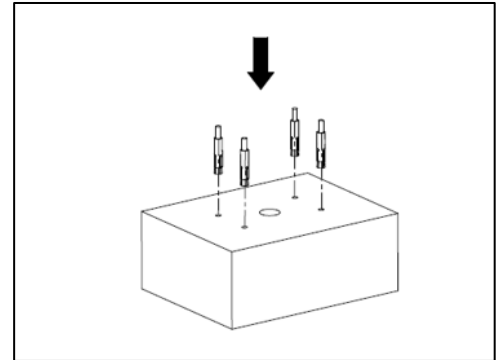
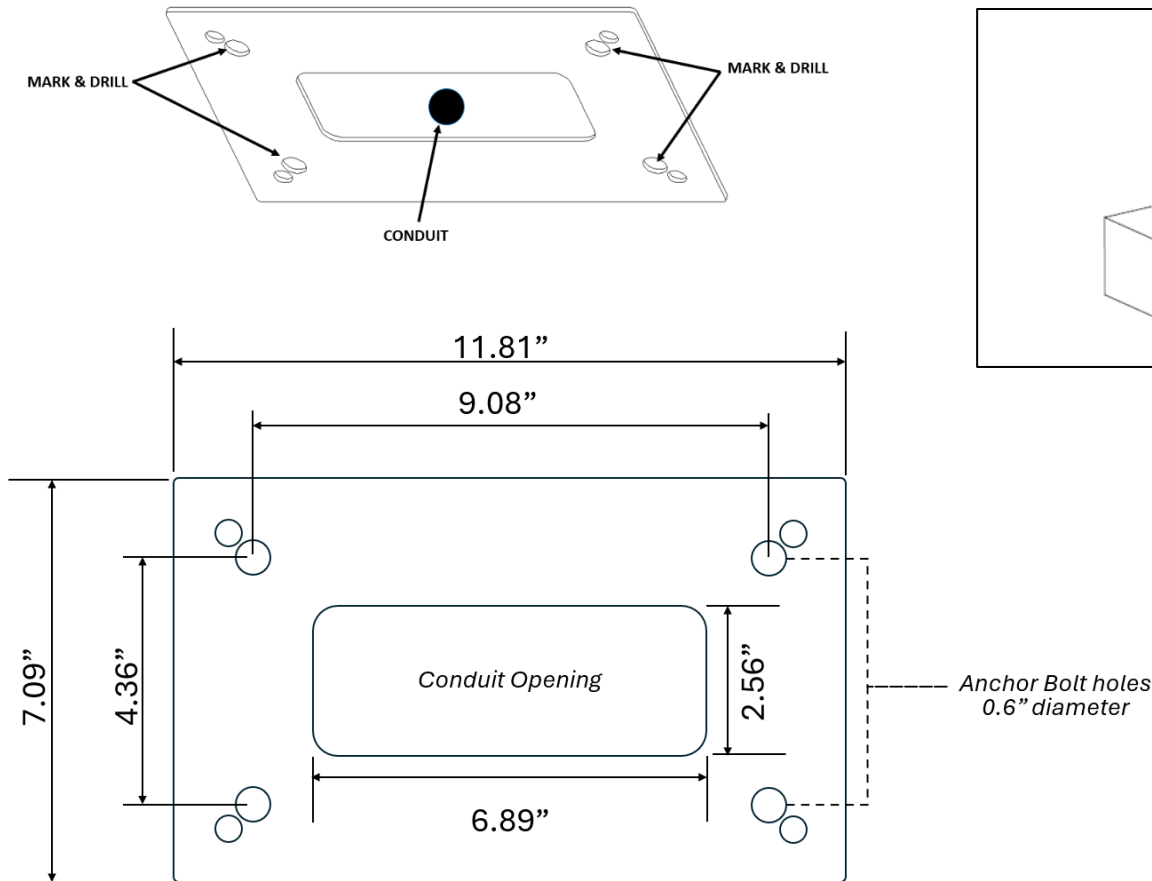
Item Description	Quantity	Image
Pedestal	1	
Pedestal base cover	2	
Leveling plate	1	
M12*25mm leveling screws	4	
Wiring access panel cover	1	
M5*12mm flat head screws (for wiring access panel cover)	4	
M4*10mm pedestal base cover screws	2	
M12*120mm expansion anchor bolts	4	
M5*12mm screws (for charger mounting plate and cable hanger)	7+7	
M5*20mm screws (for connector holster)	4+4	
Black rubber plugs	23	

Tools You Will Need

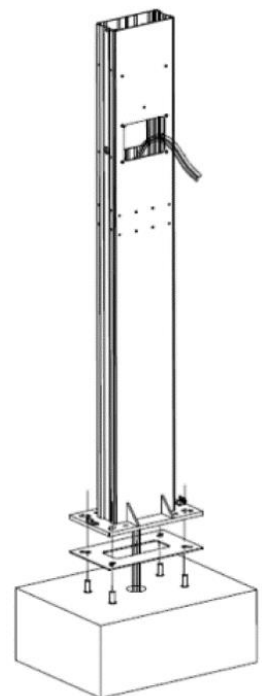
- 1/4 in hex bit driver
- Phillips screwdriver (#2)
- Wire cutter & stripper
- Crimping pliers
- Hammer drill
- Level
- Eyes & ear protection

Pedestal Installation

1. Use the leveling plate as a template and mark the 4 holes on the concrete foundation (the dimensions of the leveling plate and holes are shown below). Make sure the power feed conduit is in the center as shown in the illustration below. Drill 4 holes using a 15/32" (12mm dia.) hammer drill bit to a minimum depth of 3-11/16" (93.6625mm). Hammer the M12*120mm expansion anchor bolts in place.

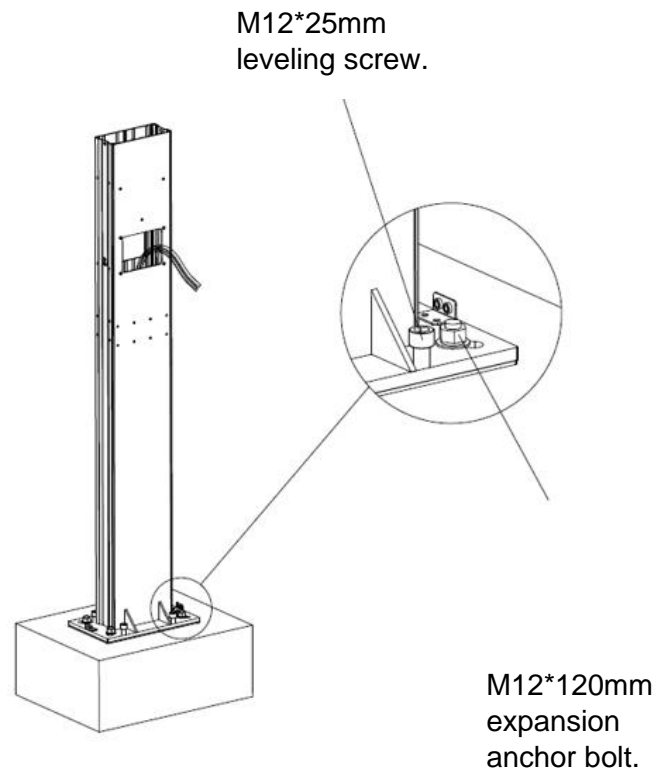


2. Next, place the leveling plate directly over the anchor bolts, followed by the pedestal. Make sure to feed the conduit and wiring up through the bottom of the pedestal and guide it out through the wiring access panel opening.

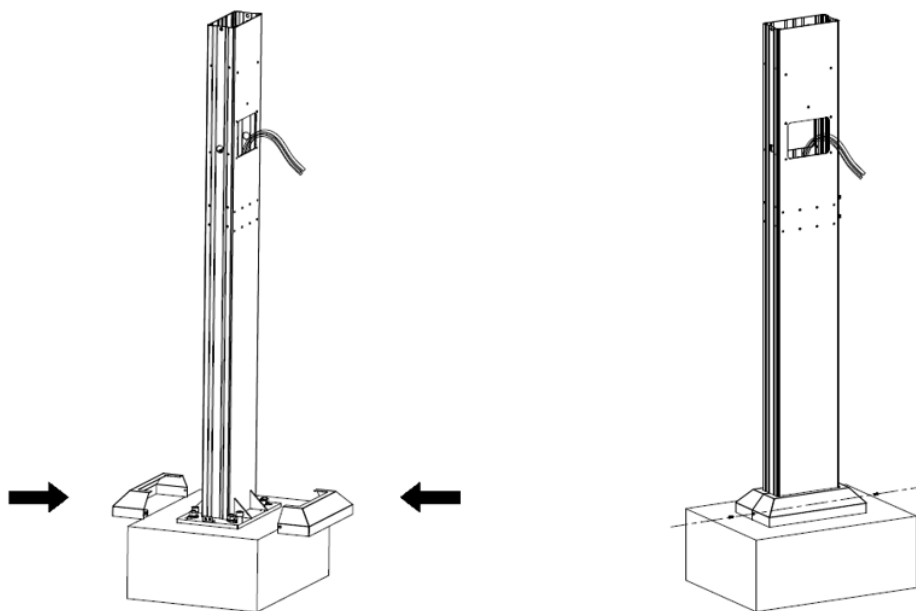


3. Use the included flat washers, lock washers, and nuts to attach the pedestal to the anchor bolts. Loosely install the anchor nuts to stabilize the pedestal until it is level.

Level the pedestal base by screwing the M12 sized leveling screws into the four threaded holes in the pedestal base and adjusting the screws until the pedestal is plumb (it may be necessary to loosen the anchor nuts during the leveling process). Tighten the anchor nuts to secure the pedestal in its final position.



4. Insert pedestal base cover over the base and secure with one M4*10mm screw on each side of the pedestal.

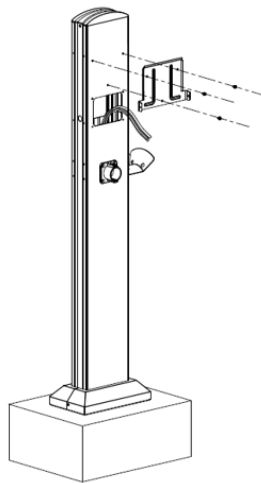


Installing the EV Charger Mounting Plate to a Pedestal

1. Remove the 2 screws – one on each side of the charger to detach the mounting plate from the charger.

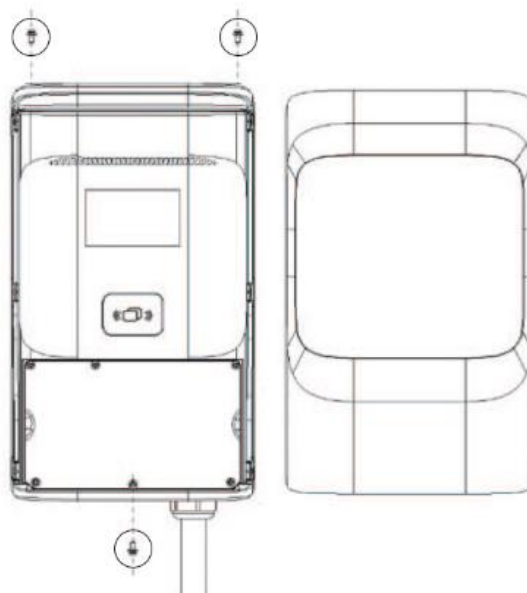


2. Use the included three (3) M5*12mm screws to attach the mounting plate to the pedestal above the opening on the desired side of pedestal.

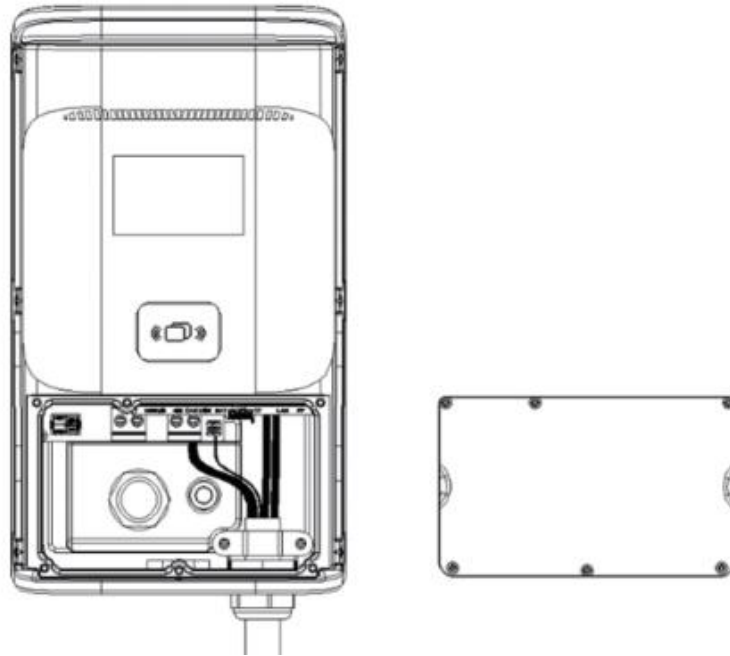


Preparing the Charger

1. Remove the cover frame from the front of the charger by unscrewing the 2 screws on top and 1 screw from the bottom of the charger.



2. Once the 3 screws are removed, carefully lift the cover outward and up to detach the cover frame.
3. Remove the 6 screws to take off the wiring access panel cover.



For Rear Wiring

Remove the rear plug(s) by loosening the hex nut in a counterclockwise direction. Then use the same plug to cover the hole at the bottom of the charger.

Use the included cable strain relief to run the wiring to the charger.



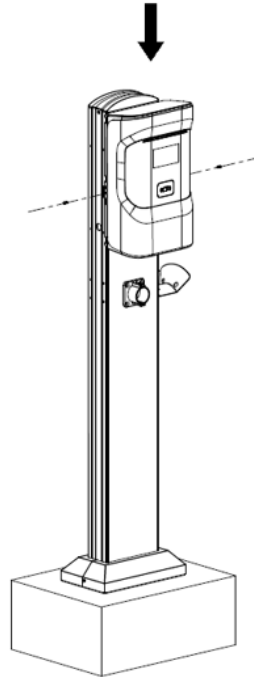
Strain Relief must be properly installed to maintain the IP Rating

For Bottom Wiring

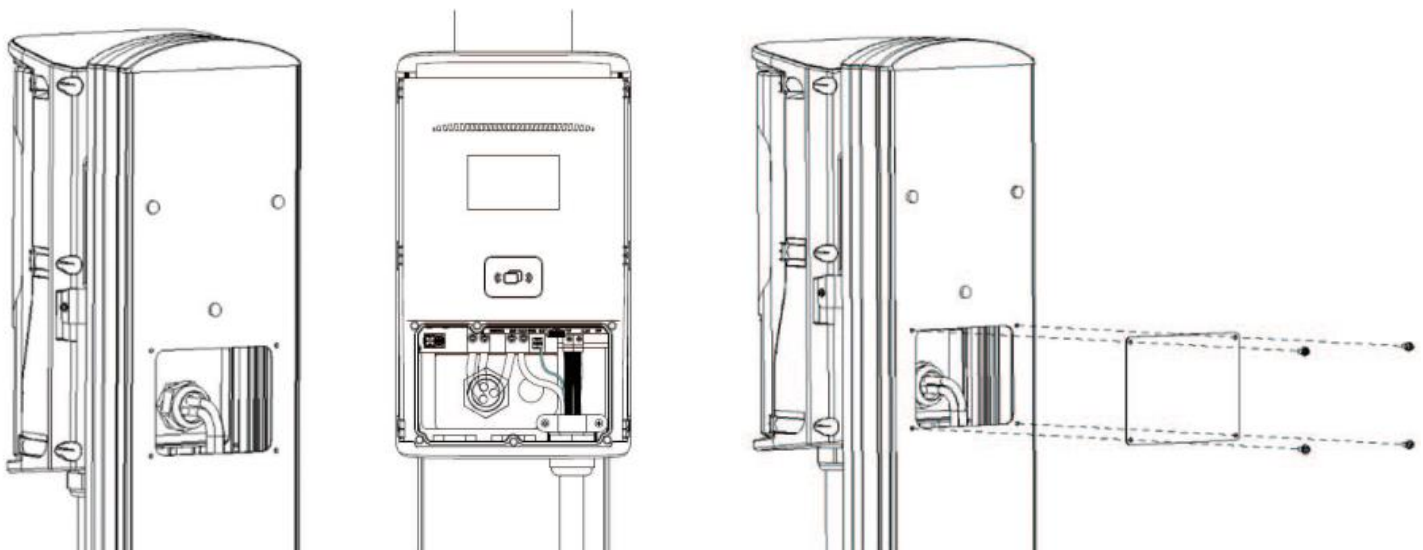
Use the included cable strain relief to run your wiring up from the bottom of the charger.

Mounting the Charger

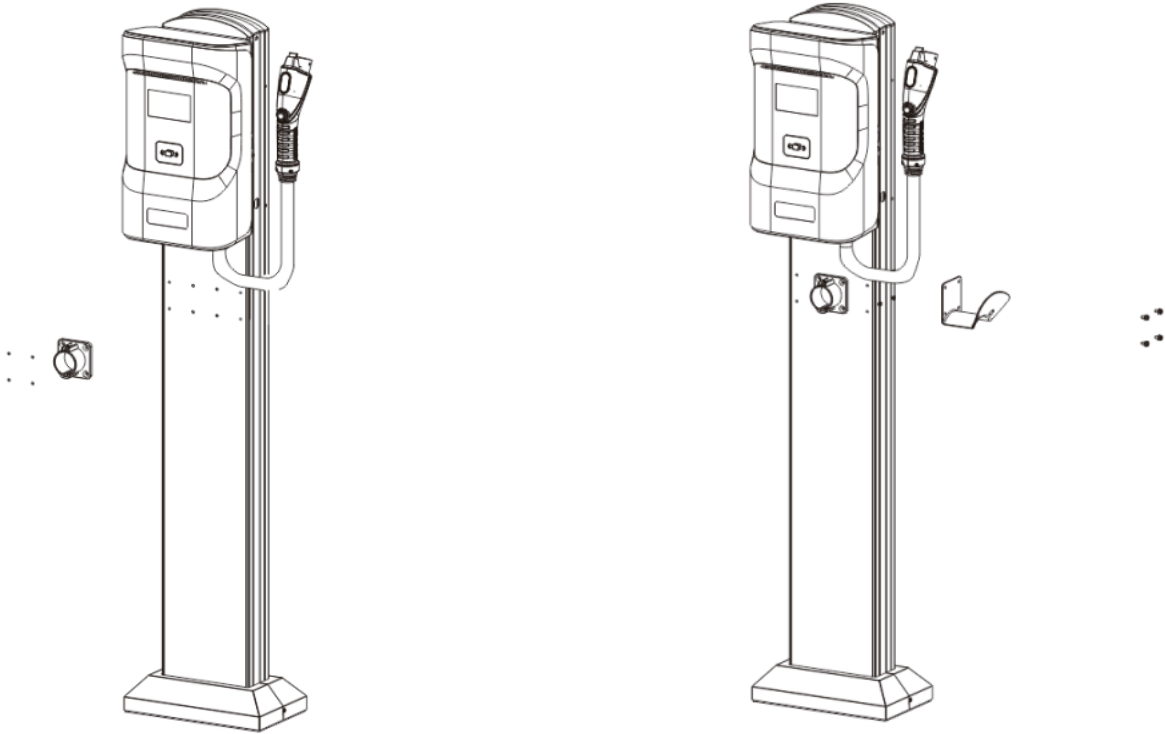
1. Align the charger to the mounting plate and slide it down to hang it as shown in the illustration below. Next, secure the charger to the mounting plate with the 2 original screws.



2. For **rear wiring installation**, use the included cable strain relief and feed the power supply wires through the rear port with enough length to connect the wires to the terminals. Refer to the Phase EV Charger Installation Guide for the complete and proper wiring guide of the charger. When the wiring is complete, attach the wiring panel cover to the back of the pedestal with the included screws.



3. Attach the holster and cable hanger to the pedestal as shown in the illustrations below.



4. Use the included rubber plugs to cover any unused holes. Tip: It's easier to insert the plug by twisting it clockwise like you are hand tightening a screw.