

UNIVERSAL PEDESTAL INSTALLATION GUIDE

WHAT'S INCLUDED

QTY	Part Description
(1)	4x4x48" or 6x6x48" Pedestal, Powder-Coated Aluminum
(1)	Top Cap (4x4" or 6x6")
(1)	Silicone Sealer (1 oz)
(2)	Liquid-tight Flexible Conduit (18")
(2)	Liquid-tight Nylon Connector (3/4" Straight)
(2)	Liquid-tight Nylon Connector (3/4" 90 Degree)
(4)	Drop-in Anchor (1/2"-13)
(4)	Stainless Steel Anchor Bolt (1/2"-13 x 2.25")
(2)	Rigid Reducing Washer (1" x 3/4")
(4)	Flat Washer (1/2")
(4)	Base Plate / Upper Retractor Plugs
(3)	Conduit Hole Plugs
(2)	Large EVSE Bracket Hole Plugs (8mm)
(2)	Small EVSE Bracket Hole Plugs (4mm)
(4)	Stainless Steel EVSE Bracket Screws (1/4"-20 x 1/2")
(4)	Stainless Steel EVSE Bracket Screws (#10-30 x 1")
(10)	Stainless Steel Self-Drilling Screws (#10 x 1")

MOUNT CONFIGURATIONS



Single Pedestal



Dual Pedestal



Quad Pedestal

SAFETY WARNINGS & GUIDELINES

Please read before installing



This instruction outlines the recommended general procedure for installation by a qualified person, as defined by all local electrical codes and/or the NEC®.



Be aware that many areas require special permits and/or utility approvals to install EV charging equipment. Contact your local electrical inspector's office and your local utility prior to beginning work to understand local requirements.

PRE-INSTALLATION

Concrete Pad, Power Feed & Anchor Requirements

1. Provide an approved concrete or composite base with the top flush to ground level, with 12" to 18" conduit stub-up, centered in the base.
2. The conduit should be sized to provide wires (L1, L2, GND) as per instructions for the charging station being mounted.
3. The concrete base should be a minimum of 18" x 18" x 18" and can be poured or pre-cast / pre-made.
4. Feed wire size should be determined by a qualified electrician using industry standard calculations.
5. Ensure [ADA reach point requirements](#) are maintained.
NOTE: See Figure 1.1 & the link below for more details.

NOTE: It is recommended to install protective concrete filled steel bollard posts and/or curb stops to protect the charger from an automobile strike.

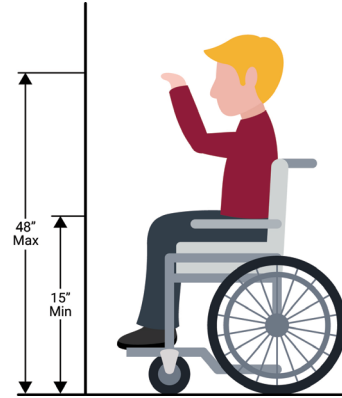


Figure 1.1

GETTING STARTED

1. After drilling anchor holes in appropriate base, clean debris from the holes and install drop-in anchors using the proper setting tool (not included). Level and secure the pedestal to the base.

NOTE: If using a composite base (e.g., EV Charge Solutions® #EVCS-BASE-A-01), secure as per manufacturer's instructions.

MOUNTING THE CHARGING STATION(S)

1. Install this pedestal with charging station so that all user controls are between 15" and 48" above ground level (as per ADA regulations). See Figure 1-1.
2. Using the charger installation instructions, drill guide holes at the required locations. Stainless steel self-drilling / self-threading screws are provided to attach the charger mounting bracket to the pedestal post.
3. Place silicone sealer at each hole to provide a liquid-tight securement. **DO NOT INSTALL** the charger until the power feed wires are installed to the charger.

CONNECTING THE WIRING

1. Attach the power feed wires using seal-tight flexible conduit and liquid-tight fittings to the charger as per the charger manufacturer's instructions.
2. Connect the flexible conduit between the pre-drilled 1" holes in the pedestal post and the entrance on the charging station.
3. Attach the conduit to the post using a 90-degree NPT fitting and tighten all conduit points.
4. Trim all wires to the proper length to reach the charger(s) leaving enough slack (15" to 20") to allow unrestricted access.
5. Using a fold in the wires and a zip-tie(s), secure the wire bundle inside the pedestal so wires are not touching the inside of the pedestal post.

INSTALLING THE CABLE HOLDER / HOLSTER(S)

If applicable

1. Using the stainless steel self-drilling / self-tapping screws, mount the cable hanger and/or connector holster below each charger. Place silicone at each screw point to create a liquid-tight seal.

INSTALLING THE (OPTIONAL) CABLE RETRACTOR(S)

Complete this step prior to installing the top cap

This pedestal is designed for easy bolt-on installation of the (optional) EV Charge Solutions® EZ-Pull Dual Retractor (Part # PC-B72(95)S(D)-R-XX).

NOTE: Be sure to use the washers to create space so the bolt does not touch (and dent) the retractor post.

1. Secure the base of the retractor to the threaded hole(s) in the base of the pedestal. Secure the retractor to the pedestal.

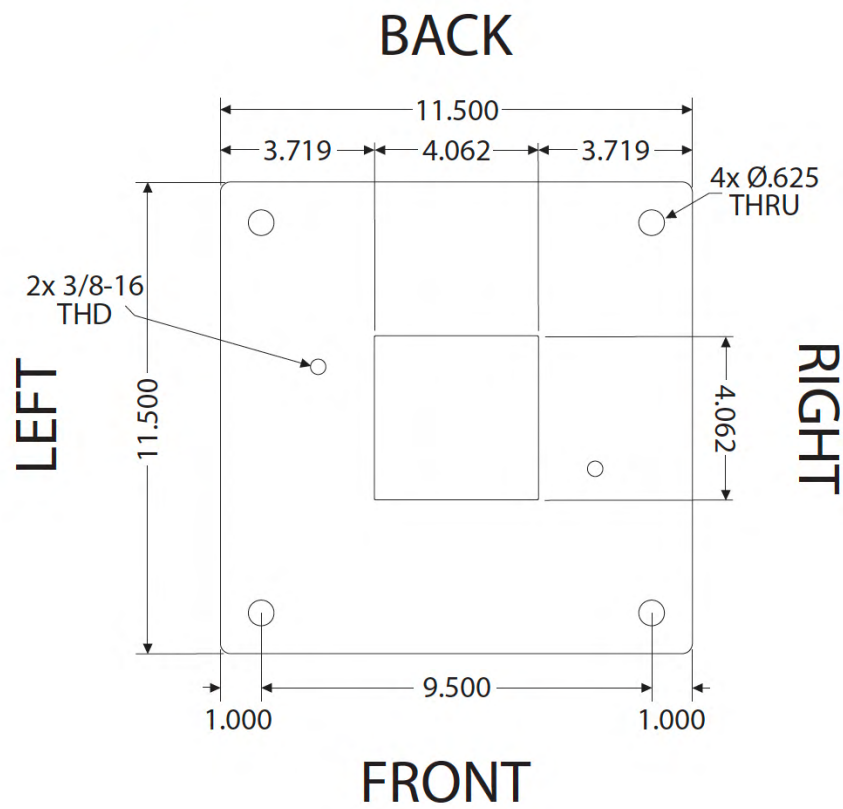
INSTALLING THE TOP CAP

1. Once the above steps are complete and all screws, bolts, fittings, wire connectors, etc. are tight, place a generous bead of silicone sealer around the perimeter of the top cap and insert the top cap into the pedestal post.
2. A rubber mallet is recommended to properly seat the top cap. Wipe off any excess sealer.

POWER THE STATION

1. Turn on the power feed to the station(s) and test per manufacturer's instructions.

4 x 4 x 48" BASE PLATE



6 x 6 x 48" BASE PLATE

