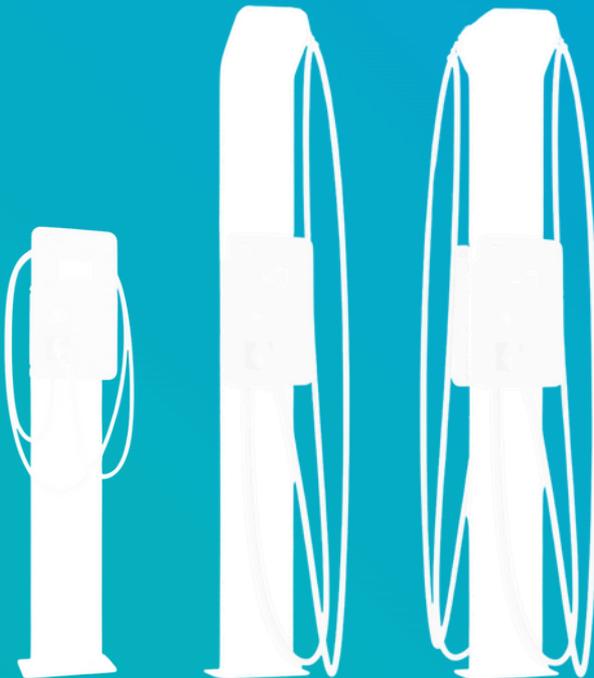




WATTI PRO PEDESTAL
INSTALLATION & USER GUIDE



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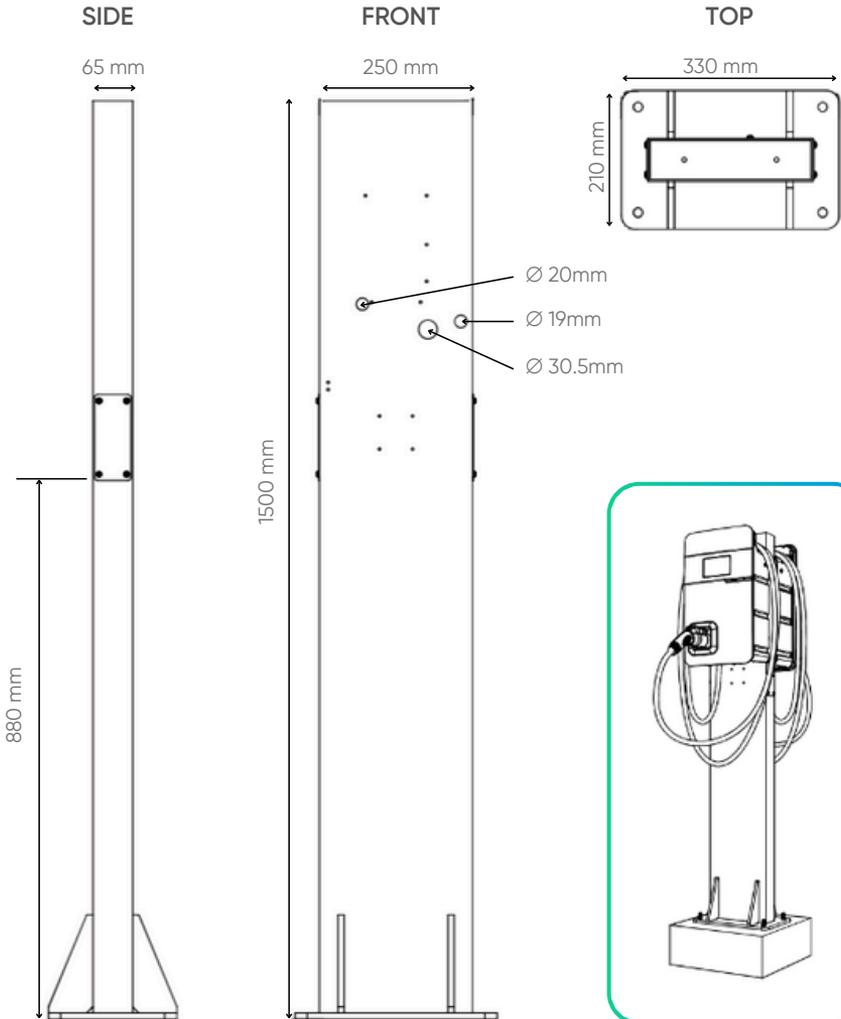
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GETTING STARTED

PEDESTAL BASE DIMENSIONS



WARNING: This pedestal is not to be used as a junction box or cable conduit. It is a pass-through for EMT, ENT, flex conduit or armored cable only



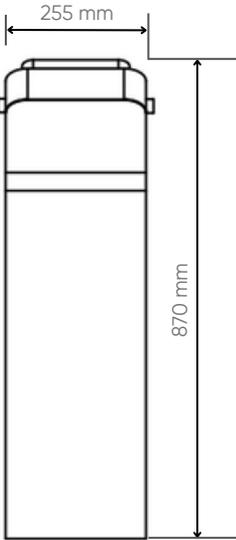
GETTING STARTED

PEDESTAL TOP DIMENSIONS

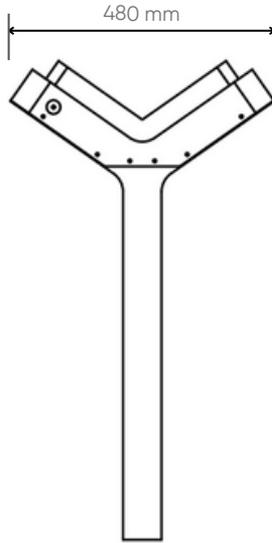


WARNING: This pedestal is not to be used as a junction box or cable conduit. It is a pass-through for EMT, ENT, flex conduit or armored cable only

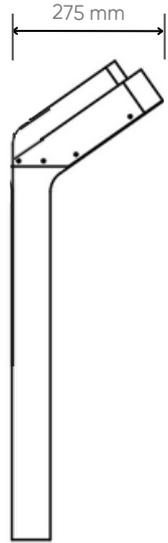
FRONT



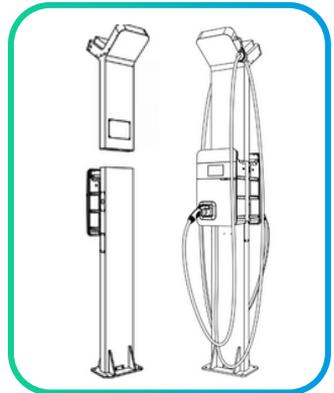
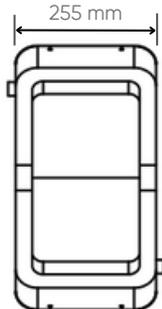
SIDE: DUAL



SIDE: SINGLE

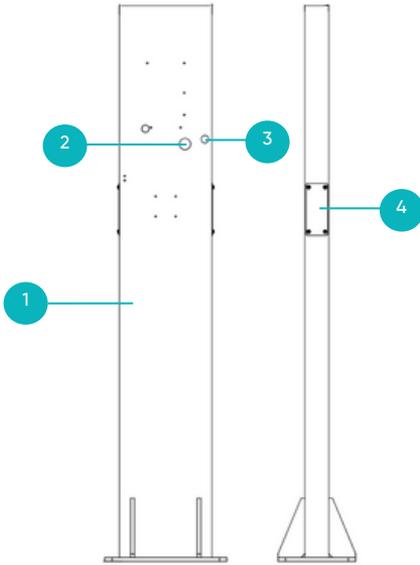


TOP

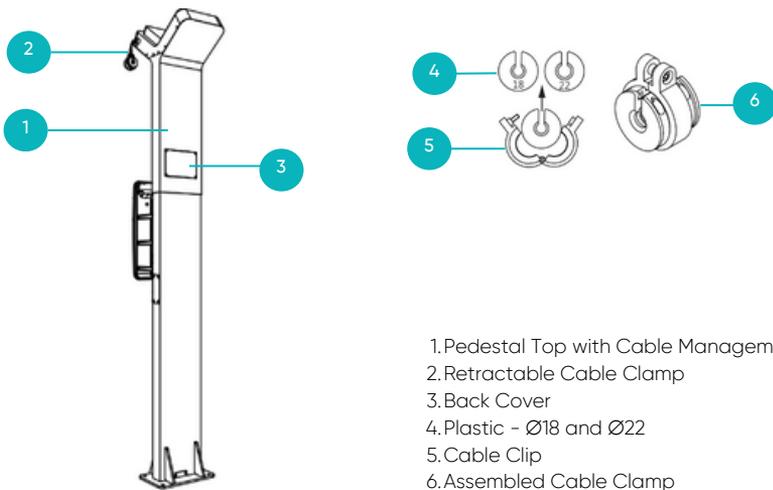


GETTING STARTED

PEDESTAL COMPONENTS



- 1. Lower Pedestal Base
- 2. AC Through Hole
- 3. LAN Through Hole
- 4. Side Wiring Access Window



- 1. Pedestal Top with Cable Management
- 2. Retractable Cable Clamp
- 3. Back Cover
- 4. Plastic - Ø18 and Ø22
- 5. Cable Clip
- 6. Assembled Cable Clamp

INSTALLATION

PREPARING THE CONCRETE PAD



CAUTION: The built concrete pad should be compliant with local regulatory requirements. The following dimensions and struction-related descriptions are the minimum requirements only.

CONCRETE PAD SCHEMATIC

Cable Conduit Suggest:

Charging current 32A: Use 1/2" conduit

Charging current 48A: Use 3/4" conduit

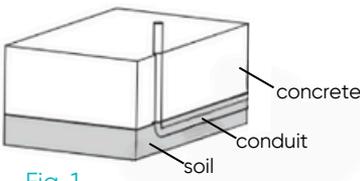


Fig. 1

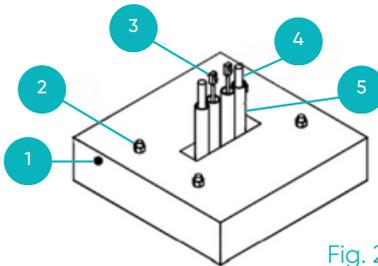
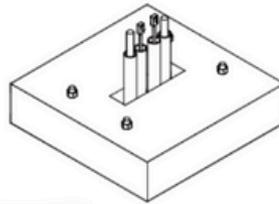


Fig. 2

#	QTY	DESCRIPTION	NOTES
1	1	CONCRETE PAD	COMPRESSIVE STRENGTH > 3000PSI
2	4	ANCHOR BOLT	M12 x 1.75Px100mm
3	1	ETHERNET CABLE	LENGTH FROM CONCRETE > 1500mm
4	1	AC POWER CABLE	LENGTH FROM CONCRETE > 1500mm
5	4	CABLE CONDUIT	HEIGHT FROM CONCRETE > 200mm

INSTALLATION

PREPARING THE CONCRETE PAD

CONCRETE PAD DIMENSIONS

Unit: mm

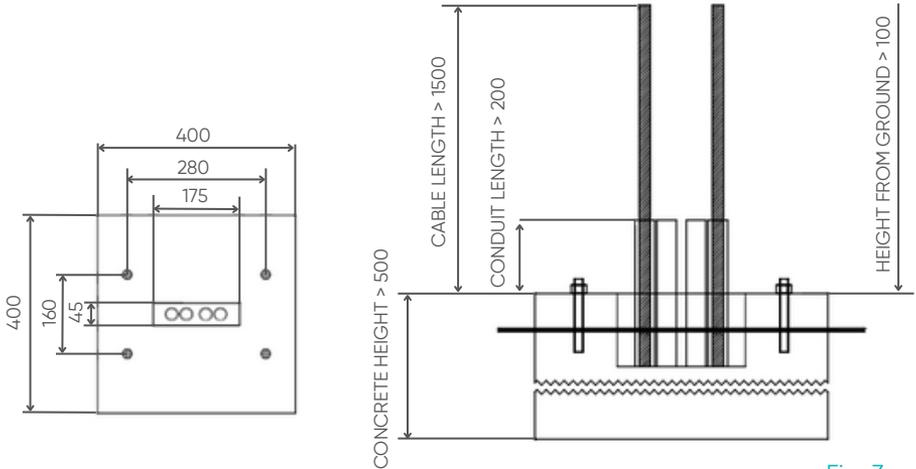


Fig. 3

First, build the concrete pad for the pedestal. The compressive strength must be over 3000psi. Reference Fig. 1 and Fig. 2 (page 5) and the concrete pad dimensions (W400mm x L400mm x H500mm) as shown in Fig. 3.

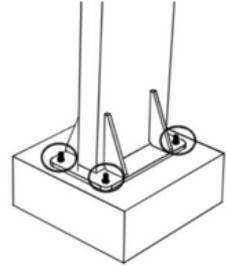
- Mount 4 pieces of M12 x 1.75 anchor bolts on the concrete pad based on the dimensions above.
- The height of the bolt should be at least 20mm above the concrete pad and depth of the bolt should be at least 90mm.
- The conduit length must be over 200mm to avoid liquid entering.
- Ensure the length of AC power cable and the Ethernet (LAN) cable are long enough (1500mm) to reach up the pedestal body, then into the charger.
- After the AC and LAN cable work is finished, fill the conduit with silicone sealant to create water, dust, and bug resistance.
**If using the side entry, wait to seal it with silicone until after installation is complete.*

INSTALLATION

PEDESTAL BASE INSTALLATION

STEP 1

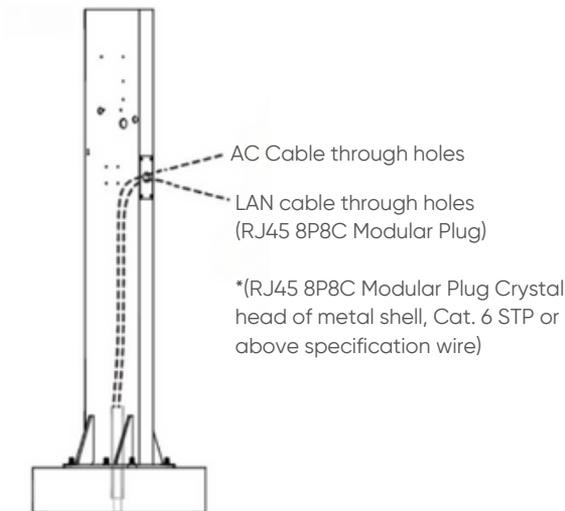
The pedestal base has 4 holes to align with the anchor bolts in the concrete pad. Place the pedestal base on the concrete pad, ensuring the holes in the pedestal base fit over the anchor bolts. Tighten the nuts to a tightening torque of > 400 kgf-cm.



STEP 2

Feed the AC cable and LAN cable up the pedestal base and through the holes on the pedestal body, either through the side (Option 1) or through the back (Option 2).

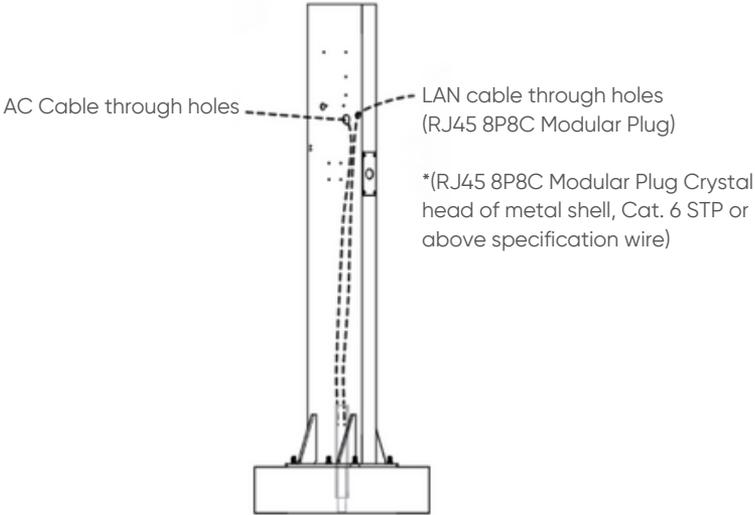
Option 1: Through the side



INSTALLATION

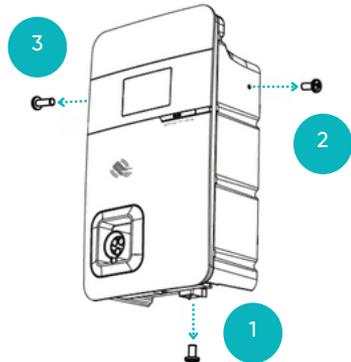
PEDESTAL BASE INSTALLATION

Option 2: Through the back



STEP 3

Remove the (3) screws on the charger in the order bottom-side-side (1-2-3 as shown) to remove the wall-mount bracket from the charger.

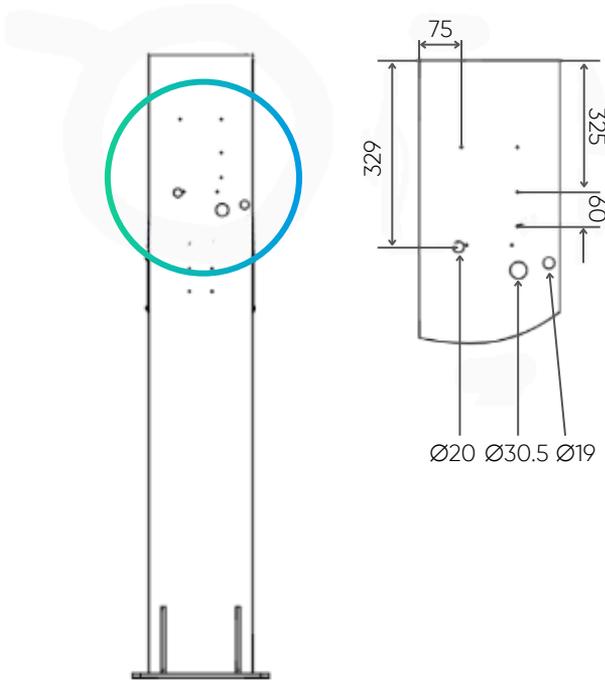


INSTALLATION

PEDESTAL BASE INSTALLATION

STEP 4

Attach the wall mount bracket to the pedestal using the four screw holes to fasten the bracket of the charger. The positions are shown below:



NEED ASSISTANCE?



Electric Avenue Technical Support:
1-888-353-2283
support@goelectricave.com

INSTALLATION

PEDESTAL BASE INSTALLATION

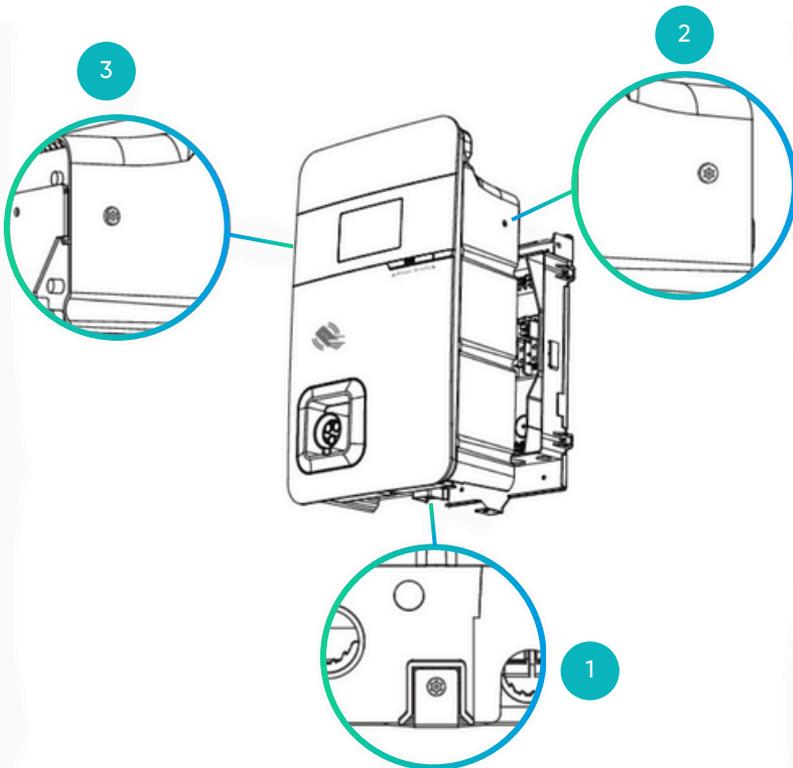
STEP 5

Attach the Watti Pro EV charger to the mounting bracket.

Align the charger equipment in a horizontal direction, so that the AC connector of the equipment can be inserted into the conductive spring plate of the wire box.

Apply pressure to the charger, so that the three screw holes of the equipment align with the holes of the wall-mounted bracket.

Tighten the previously removed screws in the order of bottom-side-side, with a tightening torque of 30 kg-cm.

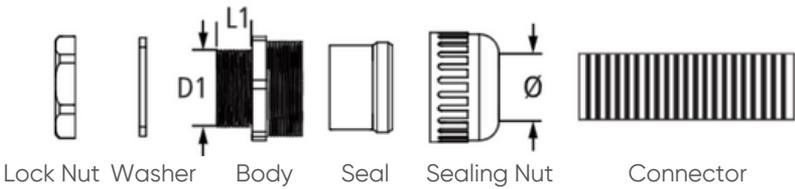
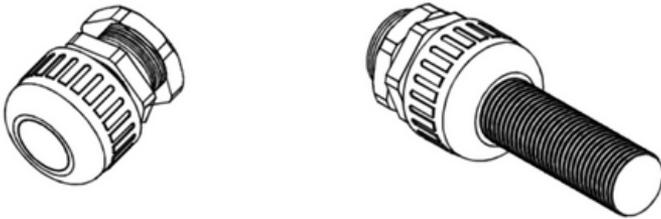


INSTALLATION

PEDESTAL BASE INSTALLATION



IMPORTANT: If you wish to use metal hoses, you need your own two hose waterproof joints.



Item No.	Thread	Suit to RCCN conduit item no BG	Suit to RCCN conduit item no BG	Thread O.D. D1	Panel Mounting Hole	Thread Length L1
Black						
BGQF-M25B(BG-23)	M25 x 1.5	BG-23	28.5	25	25-25.4	12

INSTALLATION

PEDESTAL TOP INSTALLATION

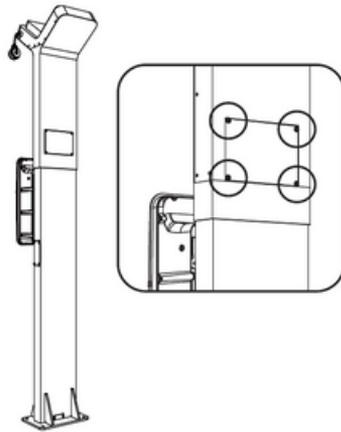
STEP 1

Install the cable management system.



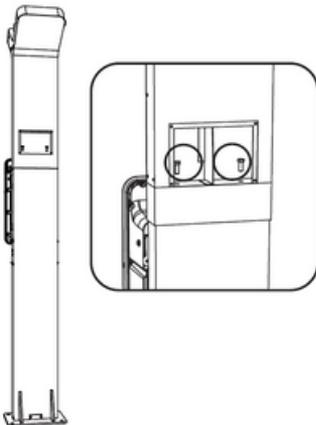
STEP 2

Remove the 4 M4x8L screws from the back cover.



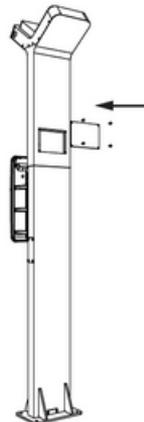
STEP 3

Lock the 2 M8x20L screws.



STEP 4

Screw the cover back onto the support.

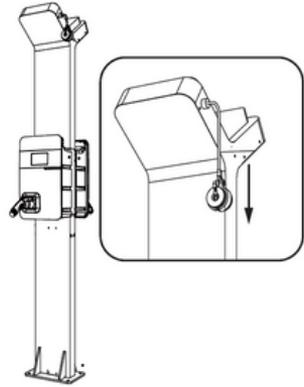


INSTALLATION

CABLE RETRACTOR INSTALLATION

STEP 1

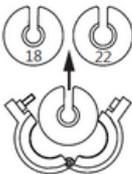
Pull the cable ring down to the appropriate height and stop the movement of the cable, locking it in place.



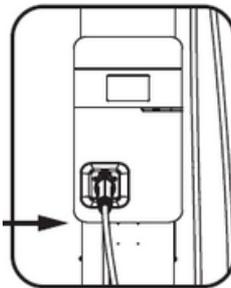
STEP 2

Refer to the outer diameter of the cable to select the appropriate inner ring (D18 or D22) for the cable clamp. Insert the inner ring into the cable clamp.

Lock the inner ring 2.5 m from the cable connector for a cable length of 5 m, and 3.5 m from the cable connector for a cable length of 7 m.



Cable Connector

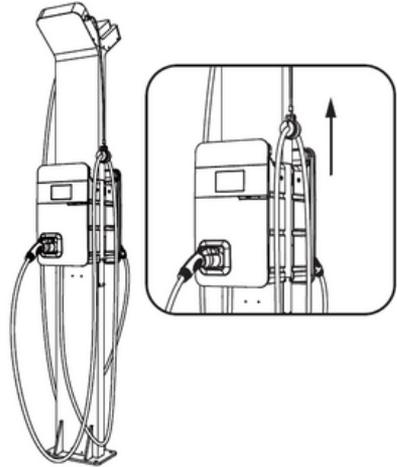


INSTALLATION

CABLE RETRACTOR INSTALLATION

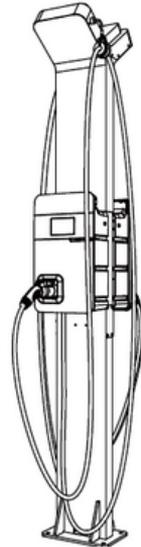
STEP 3

Use the cable clamp screws to lock the ring in place, then tug once to release the cable back into place.



STEP 4

Repeat on the other side if using dual stations.





Always Be Charging