

EV Series Charging Pedestals

Cat. Nos. EPED1-1, EPED2-2, EPCMX-6, and EPCMY-6
Installation Manual



Cat. No. EPED1-1



Cat. No. EPED2-2



Cat. Nos. EPCMX-6 and EPCMY-6

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1 WARNINGS

Safety Instructions

Failure to follow the safety instructions can result in risk of death, injuries and damage to the device!
The producer assumes no liability for claims resulting from this!

Electrical hazard!

- The installation, commissioning and maintenance of the charging station must only be performed by correctly trained, qualified and authorized personnel who are knowledgeable of and responsible for the compliance with existing standards and installation regulations. Observe the instruction given for selecting the location and the constructional requirements.
- If the specifications for the location and precautionary measures are not followed, this can result in death, injury or equipment damage!
- The evse charging station is to be connected to a grounded, metal, permanent wiring system.
- The evse pedestal is to be connected to a separate ground conductor run and connected to the grounding lug at the pedestal mounting pole.

Use of this manual

This installation manual is intended for qualified personnel only. The information and instructions in the manual about selecting the location, installation and connection of the charging station must be adhered to.

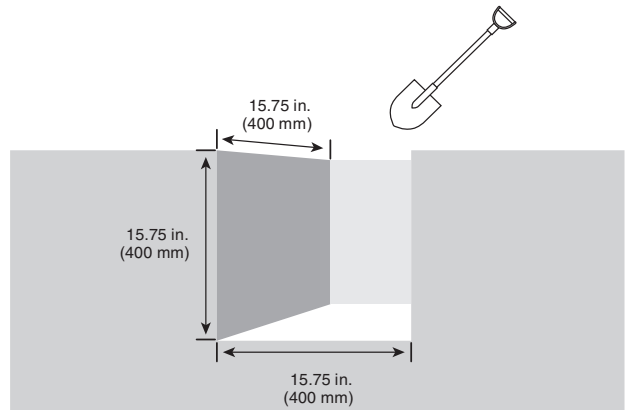
Installation Environment Instructions

- The installation, commissioning and maintenance of the charging station must only be performed by correctly trained, qualified and authorized personnel who are knowledgeable of and responsible for the compliance with existing standards and installation regulations. Observe the instruction given for selecting the location and the constructional requirements.
- If the specifications for the location and precautionary measures are not followed, this can result in death, injury or equipment damage!
- The evse charging station is to be connected to a grounded, metal, permanent wiring system.
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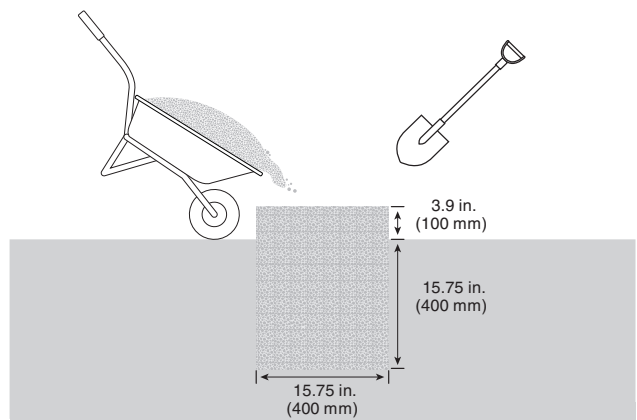
2 INSTALLATION

2.1 Prepare the Concrete Base

1. Prepare concrete base per measurements shown.

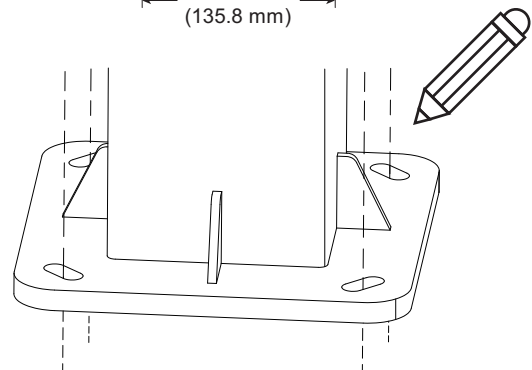
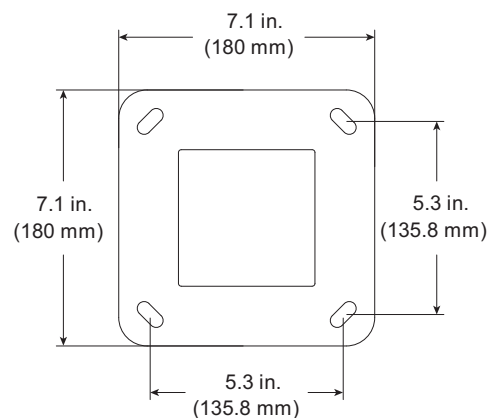


2. Fill concrete base per measurements shown.



2.2 Concrete Base Requirements

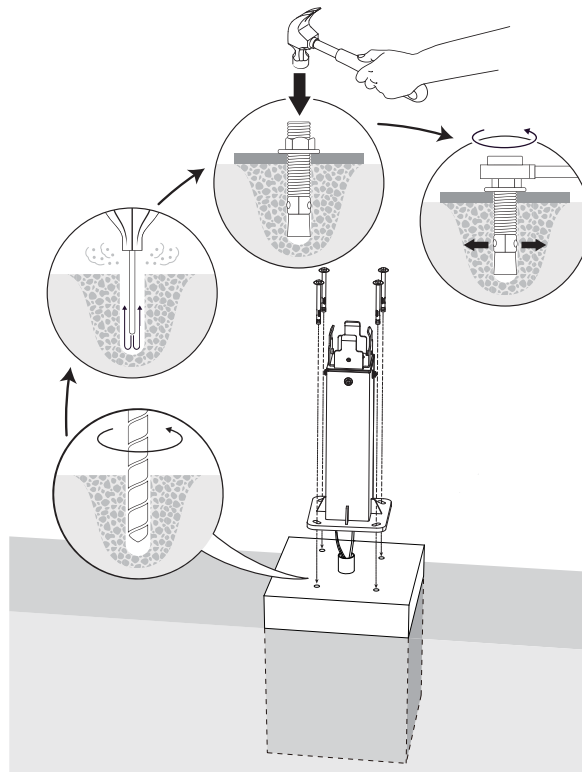
1. Mark the four holes on the concrete foundation using the base-plate of the pedestal as shown. Make sure that the connection cable is located precisely underneath the opening in the base-plate.
2. Drill the four mounting holes:
Diameter: 10 mm
Drill-hole minimum depth: 84 mm
3. Hammer the anchors (not included) so that they are flush with the floor.



2 INSTALLATION

2.3 Anchoring

1. Position the Lower Pedestal on concrete base.
2. Anchor the Lower Pedestal to the concrete base using four M8*100 mm Expansion Screws.



2 INSTALLATION

2.4 Pedestal Installation Without Cable Management System

2.4.1 Packing List

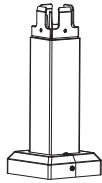
Item Number	Description	Single Version Cat. No. EPED1-1	Back-to-back Version Cat. No. EPED2-2
		QTY (PCS)	QTY (PCS)
1	Middle Pedestal	1	1
2	Lower Pedestal	1	1
3	Connector Base and Hook	1	2
4	M5*22 mm Screw	5	10
5	M8*100 mm Expansion Screw	4	4
6	M8*18 mm Screw	5	10
7	M6*18 Pan Head Torx Screws	10	10
8	M6 Spring Washer	6	6
9	M6 Flat Washer	6	6
10	T25 Screwdriver	1	1
11	T30 Screwdriver	1	1
12	M8 Screw Silicone Stopper	5	5
13	M5 Screw Silicone Stopper	5	5
14	Installation Manual	1	1
15	Base Cover	2	2
16	Bracket	0	0
17	M8 Flat Washer	0	0
18	M8 Spring Washer	0	0
19	Metal Cover (For NPT)	1	2
20	Metal Cover	1	2
21	Holeless Metal Cover	1	1
22	M5*14 Countersunk Head Screws	10	10
23	M50 Sealing Cover	1	2
24	M8 External Tooth Lock Star Washer	0	0
25	M5*18 Countersunk Head Screws	5	10

2 INSTALLATION

Verify box contents match these parts.



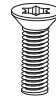
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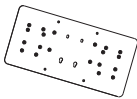
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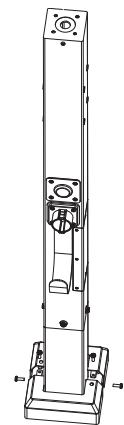
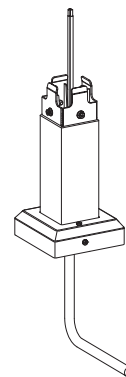
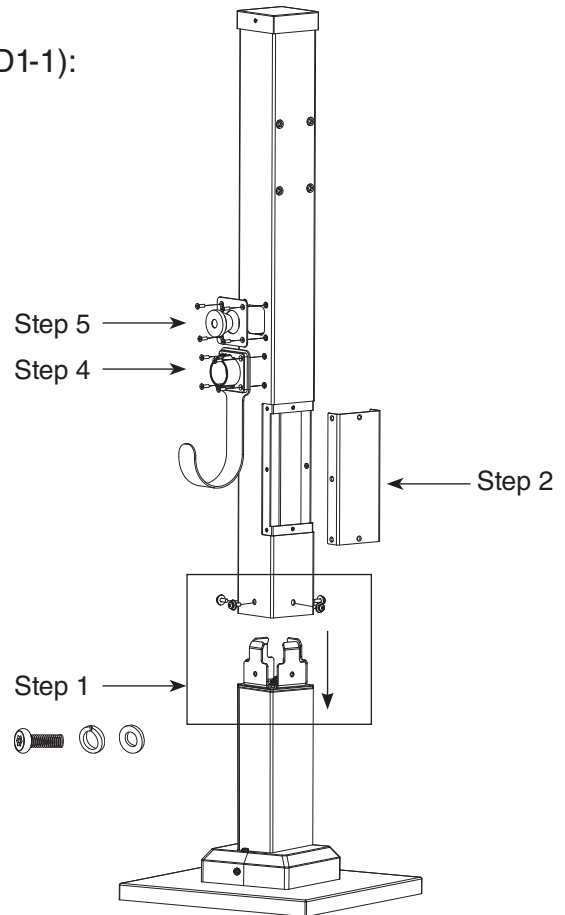
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2 INSTALLATION

2.4.2 Assembly

a. Mounting the single version (Cat. No. EPED1-1):

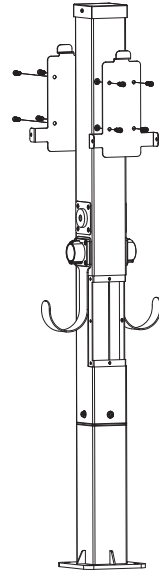
1. Insert the Middle Pedestal into the Lower Pedestal. Secure with four M6*18 mm Screws, M6 Spring Washers, and M6 Flat Washers.
NOTE: See the positional ordering M6*18 mm Screws with M6 Spring Washers and M6 Flat Washers.
2. Remove eight M5*18 mm Screws from the wiring window at the back. Connect the ground wire to the terminal inside the pedestal.
3. Route the supply circuit cable through the pedestal.
4. Use four M5*22 mm Screws to secure the Connector Bases and Hooks in the corresponding position. If installing without the hook, use four M5*18 mm Screws to secure the connector bases in the corresponding position.
5. Use four M5*14mm Screws to secure the Metal Cover above the Connector Bases and Hooks. Insert the Sealing Cover plug into the Metal Cover. A Metal Cover (for NPT) is also provided. Use the Holeless Metal Cover when installing a single version.
NOTE: Use a knife to make a cross cut on the sealing cover.
6. Repeat one more time on the back for back-to-back version.
7. Install Base Cover with four M6*18 mm Screws.



2 INSTALLATION

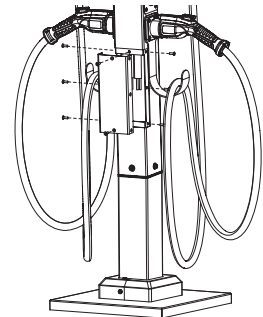
b. Mounting the back-to-back version (Cat. No. EPED2-2):

1. Take off the wall-mounted bracket, and secure to the corresponding position on the pedestal with four M8*18 mm Screws.
2. Mount charging stations on the charger holder plate using two M5*12 mm Screws on two sides of the charger. Repeat for other side.



2.4.3 Connect the cables

1. Thread the cables from the bottom through the pedestal, upward through the wiring window.
2. Perform the electrical connection and commissioning in accordance with the charging station user manual.
3. Secure wiring window with eight M5*12 mm Screws to finish the installation



2 INSTALLATION

2.5 Pedestal With Cable Management System Installation

2.5.1 Packing List

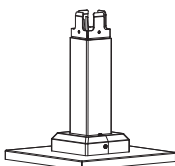
Item Number	Description	Side to side Version Cat. Nos. EPCMX-6 and EPCMY-6
		QTY (PCS)
1	Middle Pedestal	1
2	Lower Pedestal	1
3	Cable Retractor	2
4	Connector Base and Hook	2
5	Upper Pedestal	1
6	M5*14 Countersunk Head Screws	10
7	M8*18 mm Screw	14
8	M5*22 Countersunk Head Screws	10
9	M8*100 mm Expansion Screw	4
10	M6*18 Pan Head Torx Screws	26
11	M6 Spring Washer	22
12	M6 Flat Washer	22
13	M8 Screw Silicone Stopper	5
14	M5 Screw Silicone Stopper	5
15	M6 Screw Silicone Stopper	5
16	Installation Manual	1
17	T25 Screwdriver	1
18	T30 Screwdriver	1
19	Base Cover	2
20	Bracket	1
21	M8 Flat Washer	4
22	M8 Spring Washer	4
23	Metal Cover (For NPT)	2
24	Metal Cover	2
25	Holeless Metal Cover	1
26	M50 Sealing Cover	2
27	M8 External Tooth Lock Star Washer	1
28	Cable Clamp Installation Toolkit	2
29	Adapter	1
30	M5*18 Countersunk Head Screws	10

2 INSTALLATION

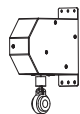
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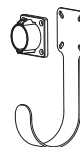
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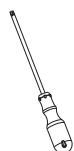
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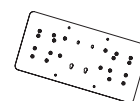
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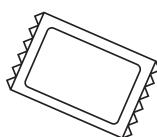
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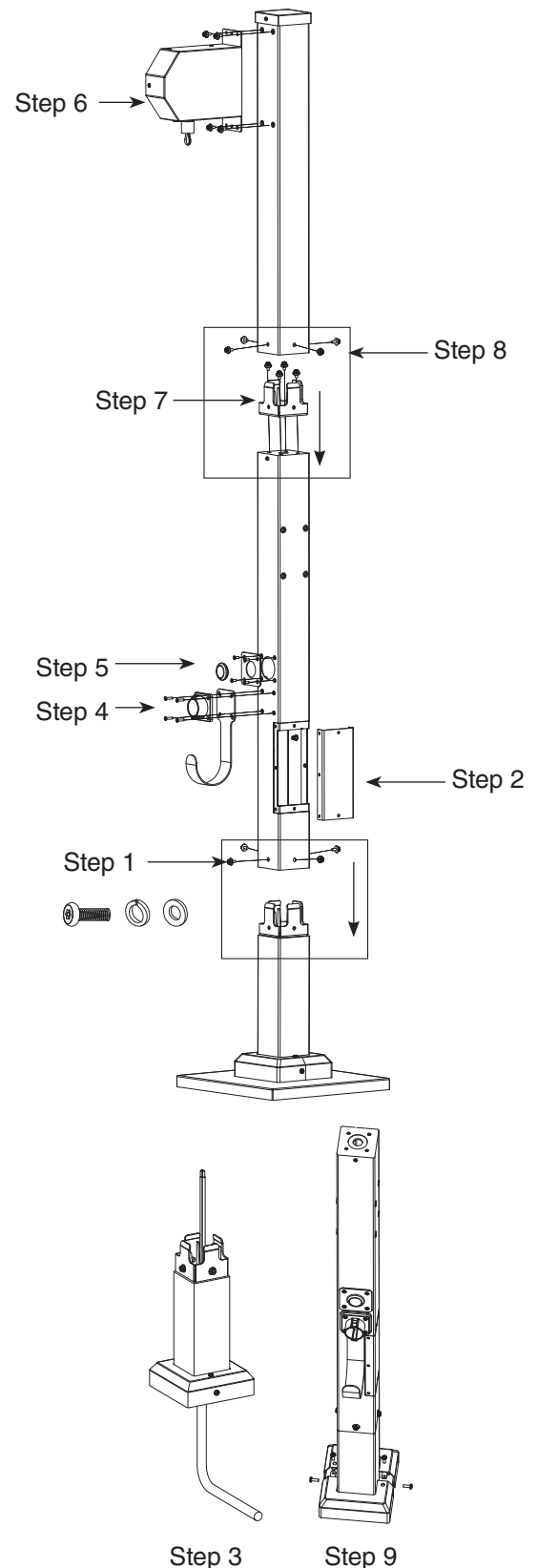


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2 INSTALLATION

2.5.2 Assembly

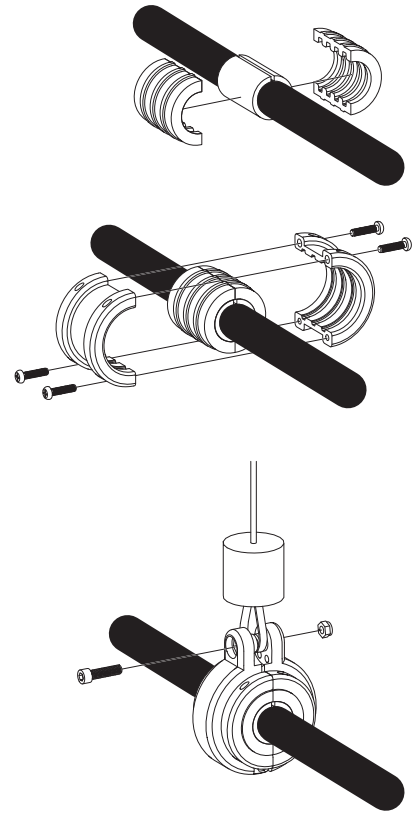
1. Insert the Middle Pedestal into the Lower Pedestal and secure wire with four M6*18 mm Screws, M6 Spring Washers, and M6 Flat Washers.
NOTE: See the positional ordering M6*18 mm Screws with M6 Spring Washers and M6 Flat Washers.
2. Remove eight M5*18 mm Screws from the wiring window at the back. Connect the ground wire to the terminal inside the pedestal.
3. Route the supply circuit cable through the pedestal.
4. Use four M5*18 mm Screws to secure the connector bases and hooks in the corresponding position. If you don't need the hook, use four M5*22 mm Screws to secure the connector bases in the corresponding position.
5. Use four M5*14mm Screws to secure the Metal Cover above the connector bases and hooks, Insert the Sealing Cover plug into the metal cover plate. We also provide a Metal Cover Plate (for NPT). When you buy a single version, use the Holeless Metal Cover.
NOTE: Use a knife to make a cross cut on the Sealing Cover.
6. Mount the Cable Retractor on the pedestal using four M6*18 mm Screws, M6 Spring Washers, and M6 Flat Washers on one side. Repeat for the other side.
7. Attach the Adapter to the Middle Pedestal with four M6*18 mm Screws, M6 Spring Washers, and M6 Flat Washers.
NOTE: Make sure that silicone gasket to be placed between the adapter and the top surface of the Middle Pedestal.
8. Insert the Upper Pedestal with cable management system into the Middle Pedestal. Secure with four M6*18 mm Screws, M6 Spring Washers, and M6 Flat Washers.
9. Install Base Cover with four M6*18 mm Screws.



2 INSTALLATION

2.5.3 Positioning the cable clamp

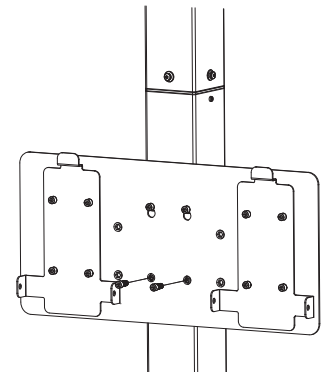
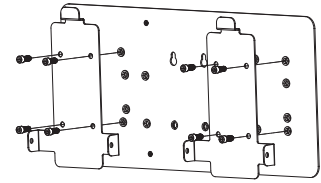
1. Determine where to position the charging station cable clamp (Choose the suitable cable sleeve, which the size is marked inside the cable sleeve). The cable portion between the clamp and the charging connector must not touch the ground when the cable management system is completely retracted.
2. Remove the cable clamp fitting and clamp the cable to the selected position as shown to the right. If using a standard 18ft cable, we recommend placing the clamp position at 86.2 in. (2190 mm) from the connector.
3. Let the cable retract itself. Verify the clearing between the charging station cable and the ground. Roll the cable overhang around the charging station cable holder.



2 INSTALLATION

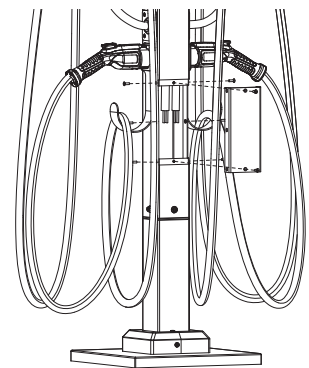
2.5.4 Mounting the side to side Charging Station

1. Remove the wall-mounted bracket, and secure it in the corresponding position on the side to side bracket with eight M8*18 mm Screws.
2. Secure side to side bracket on to the Middle Pedestal with four M8*18 mm Screws, M8 Spring Washers, and M8 Flat Washer.
NOTE: Add an M8 External Tooth Lock Star Washer to any of the four M8 screws.
3. Mount charging stations on the charger holder plate using two M5*12 mm Screws from the charger on two sides of the charger.



2.5.5 Connect the cables

1. Perform the electrical connection and commissioning in accordance with the charging station user manual.
2. Secure wiring window with eight M5*12 mm Screws to finish the installation.



3 STANDARD STATEMENTS AND WARRANTY

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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 one year 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, opened, 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 one year. **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.

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