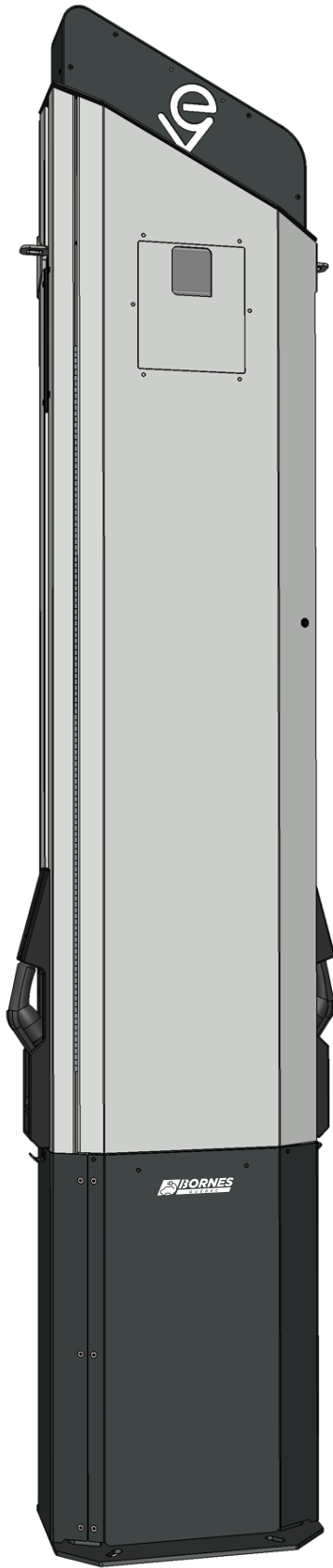




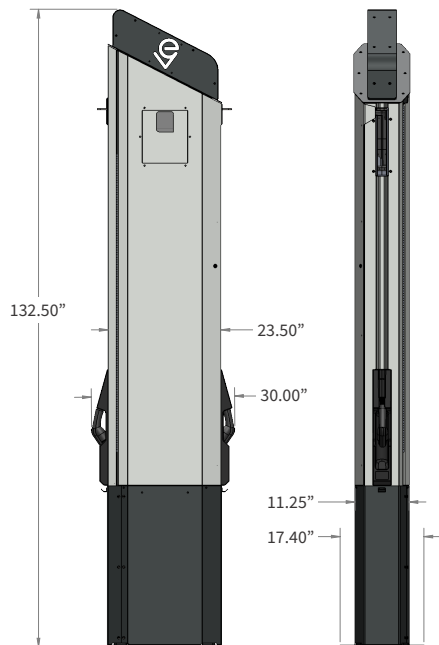
Installation Guide

Evera model ev63 v4.0



The Evera ev63 station is designed to integrate two EV chargers and a cable management system within a rugged structure intended for public, municipal, commercial and institutional environments. Before installation, review the overall dimensions, base plate and packaging characteristics of the station.

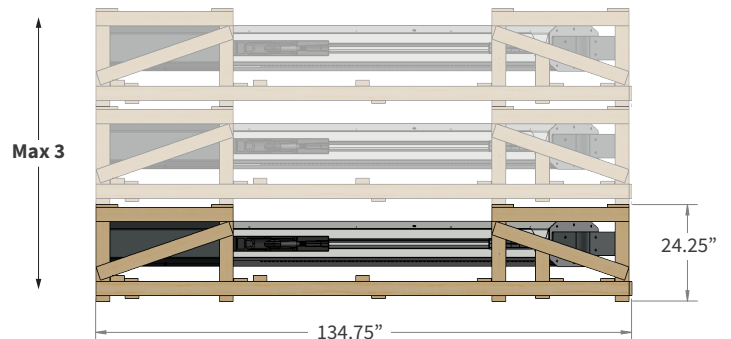
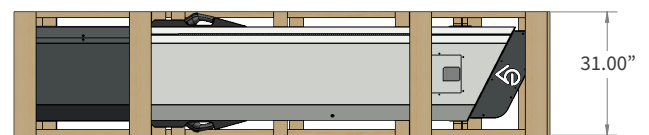
Evera ev63 station dimensions



Approximate station weight: 250 lb

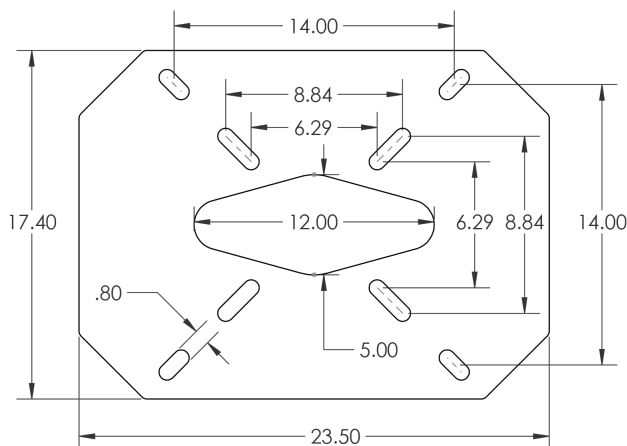
Packaging and handling

Move Evera pallets carefully using appropriate handling equipment. Use long forklift forks.



Approximate station weight with packaging: 340 lb

Evera base plate



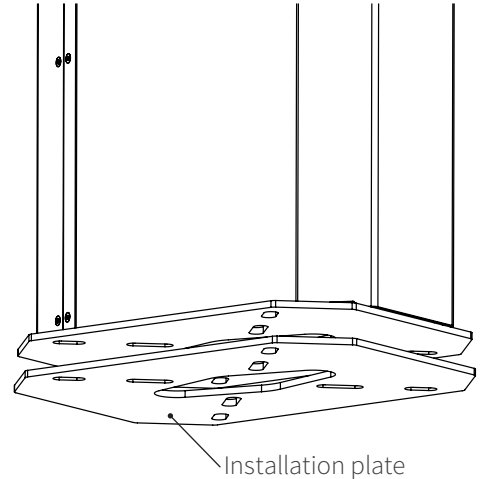
The base plate features a large central opening for routing electrical feeds and conduits. Use the dimensions and anchor positions to prepare the foundation, pile cap or any other compatible installation interface. Use of the 14 x 14 in. anchor pattern is recommended.

The Evera station can be installed using different methods depending on site conditions, existing infrastructure and project requirements. The three methods below represent some of the possible configurations.

Refer to the Technical Datasheet or contact your representative for more details.

1. Concrete base

The station can be anchored to a suitable existing concrete base or to a custom poured concrete base. Anchors and conduits must be positioned according to the Evera base plate dimensions and site conditions. When the base is poured on site, plan conduit routing and anchor locations before the concrete pour. If a precast base is used and the anchors do not match the recommended 14 x 14 in. spacing, a **reinforced steel installation plate** can be supplied to allow safe use of the inner anchor holes.

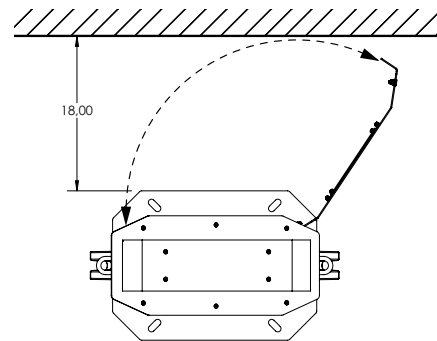
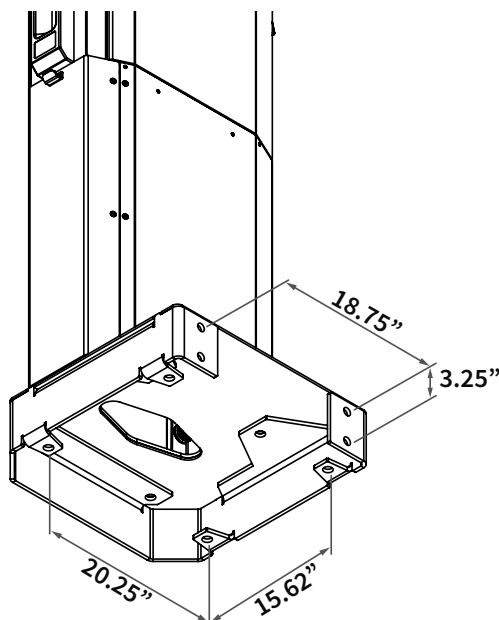


2. Helical pile

The station can be installed on a helical pile using an adapter head compatible with the Evera base plate. Pile selection, sizing and installation must be determined according to site conditions by a qualified installer. Use the dimensioned Evera base plate drawing when designing or selecting the adapter head.

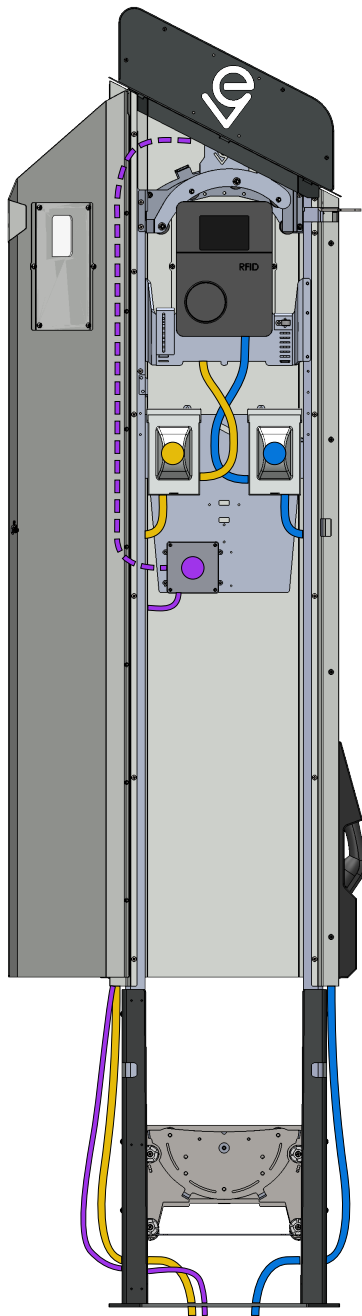
3. Evera wall-mount base

The wall-mount base allows the station to be anchored to a vertical surface when conventional ground anchoring is not appropriate. It can also be installed on the ground when this configuration simplifies conduit routing or electrical connections.



Clearance near a wall

When a station is installed near a wall or other obstruction, provide sufficient clearance to open the rear door and facilitate technical service. A minimum clearance of 7 in. between the wall and the edge of the base plate allows partial opening. Approximately 18 in. of clearance allows the door to open fully.



Each EV charger integrated into the station must be supplied by a dedicated branch circuit, sized and protected in accordance with the charger manufacturer's requirements, applicable electrical codes and accepted electrical practices. A typical installation provides one dedicated supply per charger.

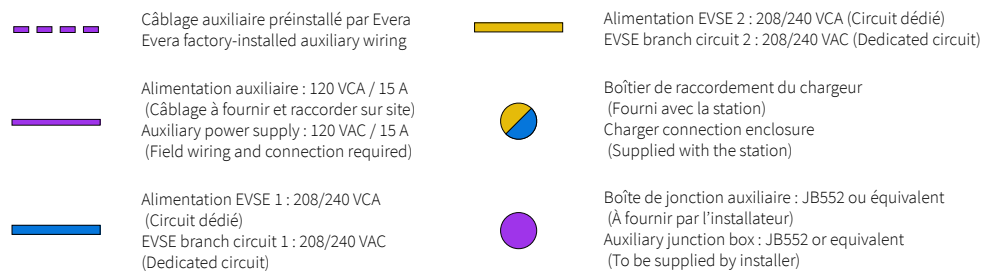
The station also requires a separate 120 VAC / 15 A auxiliary power supply. This supply serves the Evera auxiliary system, including the station's integrated LED lighting.

The station base plate features a large opening for routing electrical feeds and conduits. Position conduits so they do not interfere with station placement and so the cables can follow the designated routing paths inside the structure.

Inside the station, follow the wiring paths identified by the green arrow labels. Do not route cables directly between the rails of the cable management mechanism. A red warning label identifies this restricted area.

Required cable length

For each EVSE power feed, allow **at least 105 in of free conductor beyond the conduit exit**. This length provides sufficient cable to route the conductors inside the station to the corresponding connection enclosure and allows adequate slack for installation.



Important notes :

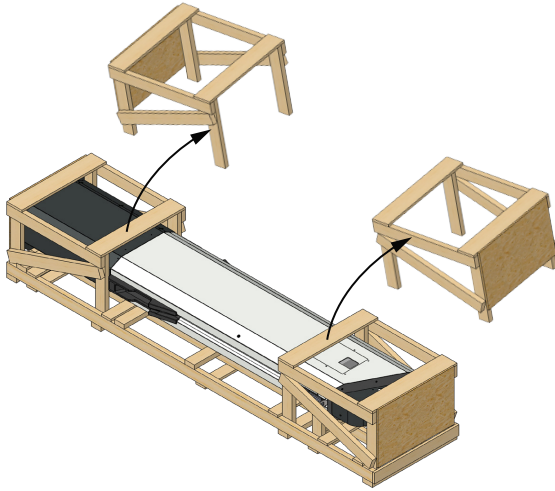
All electrical connections must be performed by a qualified electrician in accordance with applicable codes and standards. The installer is responsible for conductor sizing, circuit protection, grounding and connection methods applicable to the project.

Installation responsibility :

All engineering and work required for installation, electrical connection and grounding of the station remain the responsibility of the client and the qualified professionals retained for the project. All work must be performed in accordance with applicable codes, standards and requirements. Evera Technologies provides the requirements specific to the ev63 station but does not replace the professionals responsible for the design and execution of site work.

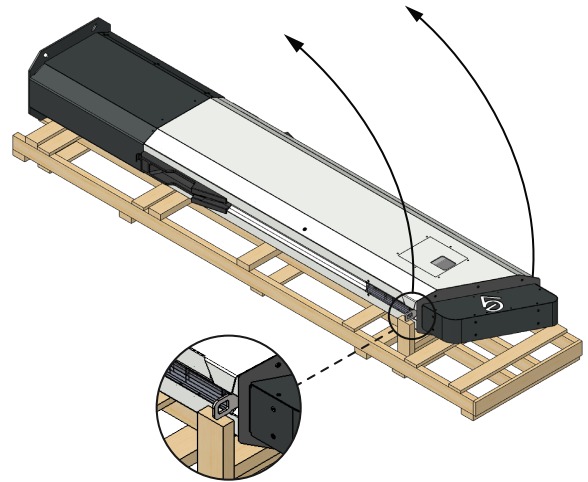
Refer to the EV charger manufacturer's specifications for requirements specific to the EVSE branch circuits.

1 Remove the packaging



Remove the packaging film and the protective framing surrounding the station. Visually inspect the station.

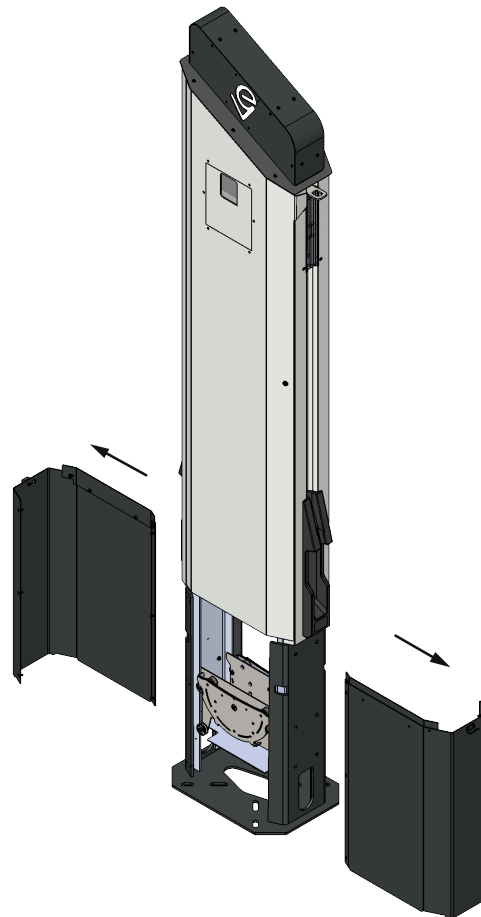
2 Lift the station



Lift the Evera station using the lifting hooks and lifting points provided for this purpose.

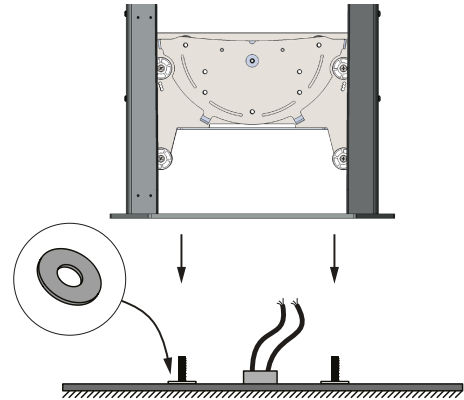
3 Open the station and remove the base panels

Unlock and open both doors using the supplied key. Remove both base panels by removing the 12 mounting screws. Use the tool supplied with the station to remove the four TORX T-27 security screws. Keep all hardware for reassembly.



4 Level and anchor the station

Position the station on the prepared anchors. Level the base plate and, if necessary, use suitable washers on the threaded rods before lowering the station into its final position. Secure the station using appropriate anchoring hardware.



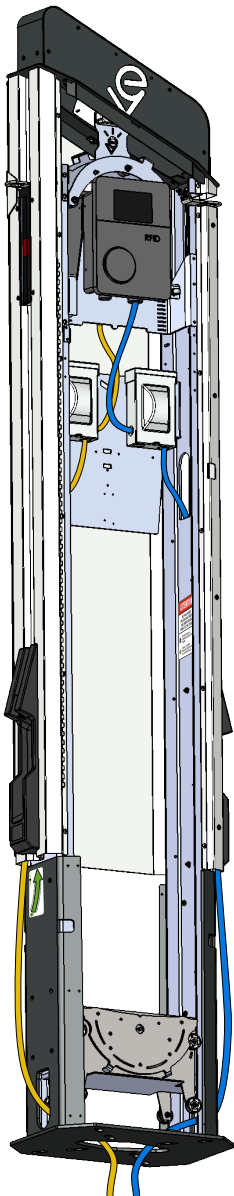
5 Route the charger power feeds

Route the two EVSE power feeds through the base plate opening and direct each one to the corresponding side of the station. Route the cables upward outside the rails, following the dedicated paths identified by the green arrow labels.

Important: do not route the cables directly between the rails of the cable management mechanism. A red warning label identifies this restricted area. Be careful not to tangle the power supply cables with the charger cables already routed inside the station.

Once the cables reach the charger connection enclosures, route them through the openings provided. Use appropriate connectors to secure and protect the cables. Complete the connections in accordance with the EV charger manufacturer's requirements and applicable electrical codes. Use jumper cables to connect each EV charger to its respective enclosure. Finally, close and secure all enclosures properly.

After all connections are complete, commission the EV chargers in accordance with the manufacturer's recommendations and instructions.



ATTENTION	WARNING
NE PAS FAIRE PASSER DE CÂBLE D'ALIMENTATION DANS CETTE ZONE.	DO NOT ROUTE POWER CABLE THROUGH THIS AREA.
RÉFÉREZ-VOUS AU SCHEMA D'INSTALLATION FOURNI.	REFER STRICTLY TO THE PROVIDED INSTALLATION DIAGRAM.
SUIVEZ LE CHEMIN PRESCRIT, IDENTIFIÉ PAR LES FLECHES VERTES.	FOLLOW THE DESIGNATED PATH MARKED WITH GREEN ARROWS.

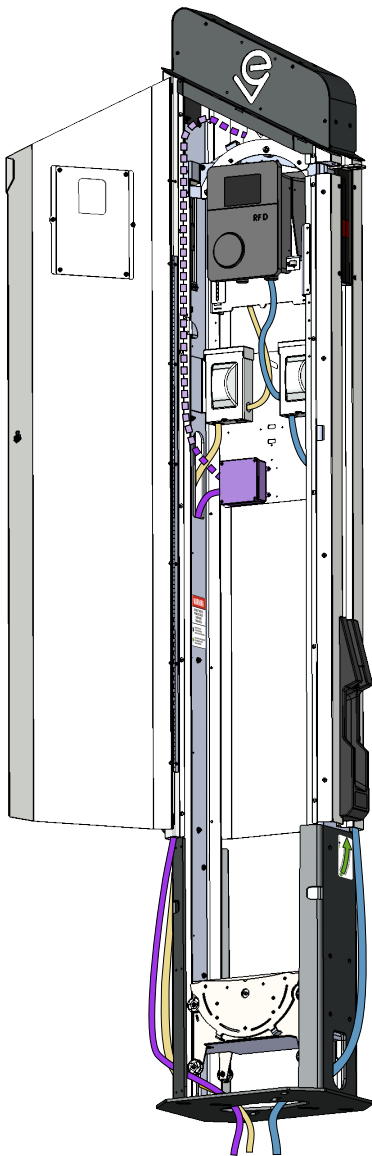


6 Route and connect the auxiliary power supply

Route the 120 VAC / 15 A auxiliary power supply through the base plate opening and into the station using the designated path in the long rail, on the left side when facing the charger connection enclosures. Route this supply to an auxiliary junction box (JB552 or equivalent). Space is provided for this box below the EVSE connection enclosures.

Connect the field power supply to the Evera factory-installed auxiliary wiring inside the junction box. This wiring powers the Mean Well LPV-20-12 power supply and the station's integrated LED lighting system. Use a junction box, connectors and connection methods suitable for the application and compliant with applicable electrical codes.

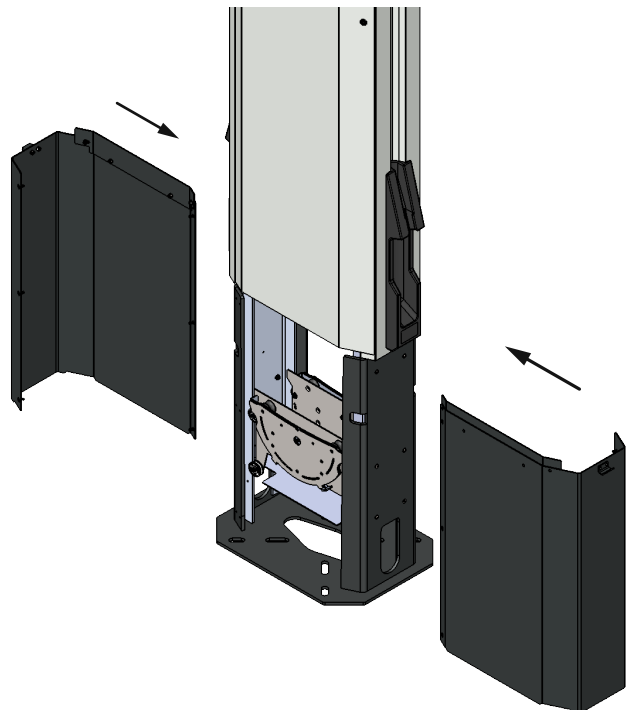
The auxiliary junction box (JB552 or equivalent) must be supplied by the installer and installed on site.



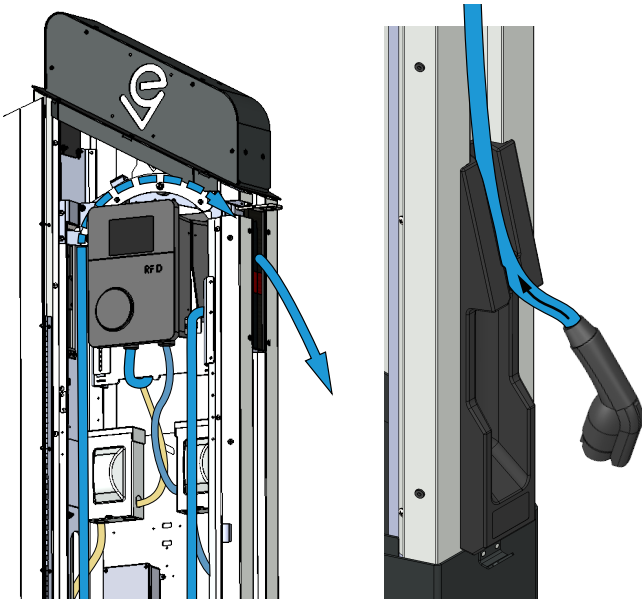
7 Reinstall the base panels

Once all connections are complete, with the doors still open, reinstall both base panels using the 12 screws removed in Step 3.

Replace any damaged screw with an appropriate replacement screw.

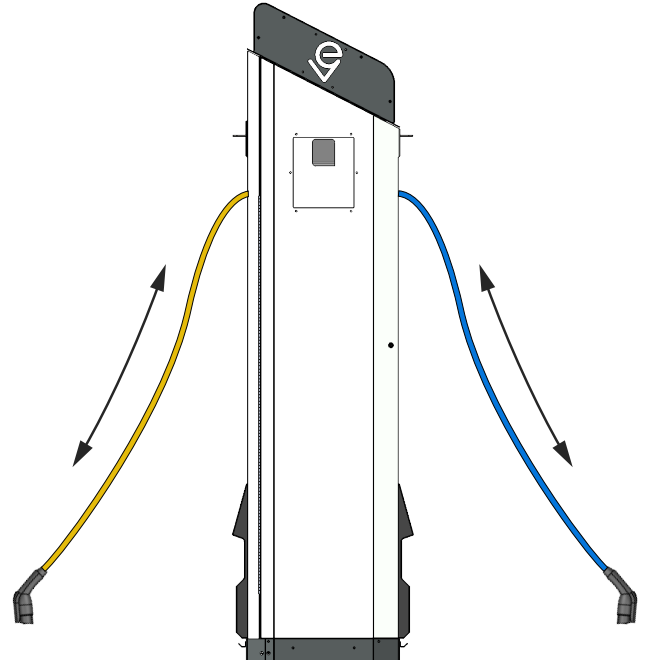


8 Complete cable routing



Untie the charging connectors, then route the cables through the exit slots provided on each side of the station. Place each connector into its respective holder.

9 Test the cable retraction system



Test both cable management systems by slowly pulling each connector away from the station. The mechanism should follow the movement and gently return the cable toward the station. If cable return is uneven or blocked, make sure that no cable, conduit or other element interferes with the travel of the moving carriages.

10 Complete the final validation using the QR code

Before leaving the site, scan the installation QR code associated with each Evera station. In approximately 60 seconds per station, complete the required final checks and upload the requested photos using the form accessed through the QR code.

This step confirms that the installation has been completed properly, documents the final condition of the station and facilitates technical support if needed.

The form must be completed for each installed station.

(FR) À SCANNER À L'INSTALLATION
(EN) SCAN DURING INSTALL

Activation garantie Evera (Photos requises)
Activate Evera Warranty (Photos Required)



NS / SN : CXX-10000
evera

Distributed by



For technical support, please contact :

service@bornesquebec.com

www.bornesquebec.com

1-877-313-7421

Manufacturer



Montréal, Québec
everatechnologies.com

For any questions regarding installation of the Evera ev63 structure, installation accessories or a specific configuration, contact your representative or technical support before beginning the work.



Scan the code to access the complete downloadable documentation.