

Thank you for purchasing this Autel equipment. Our equipment is manufactured to a high standard and — when used according to these instructions and properly maintained — will provide years of trouble-free performance.



IMPORTANT: Before operating or maintaining this equipment, please read these instructions carefully, paying extra attention to the safety warnings and precautions. Failure to install or use this equipment properly may cause damage and/or personal injury and will void the product warranty.



WARNING

- This equipment should only be installed by a licensed electrician in accordance with all local codes and ordinances.
- Do not install or use this equipment near flammable, explosive, harsh, or combustible materials, chemicals or vapors.
- Handle the equipment with care during transportation to prevent any damage. Do not subject it to strong force or impact or pull, twist, tangle, drag or step on the device.
- The respective national regulations must be observed with regard to the installation of the pedestals.
- When mounting the pedestals in parking spaces or parking garages, appropriate anti-collision protection must be provided by the installer.

Preparing for Installation



IMPORTANT:

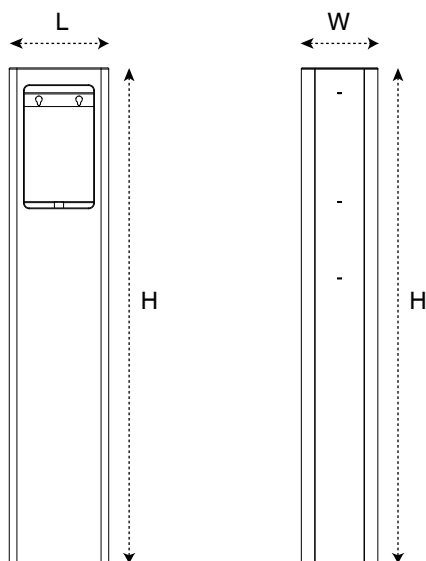
- A flat, concrete, and sound surface is required for installation. To ensure safe and permanent anchoring, the concrete strength level should be above C30.
- The base must permit the running off of any water that has entered the base.
- All cables must be laid precisely in the center of the concrete foundation from the base and must have an excess length of approx. 1.3 m for the remaining installation activities.
- Do not mount the pedestal on asphalt.

NOTE:

This pedestal supports two chargers. This Quick Reference Guide describes only the installation procedure of one charger. The other charger can also be installed referring to this guide.

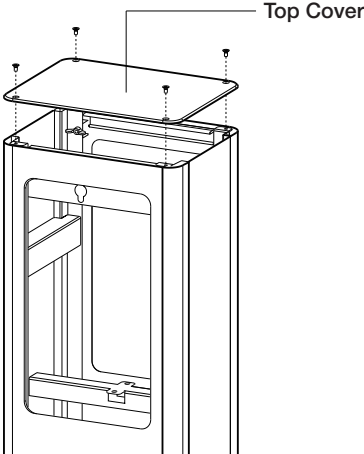
Product Specifications

Item	Description
Dimensions (L x W x H)	260 mm x 200 mm x 1301 mm
Net Weight	22.2 kg
Material	Stainless Steel 430



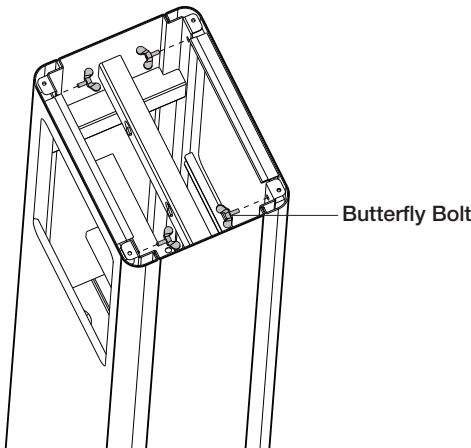
Dismantling the Pedestal

1



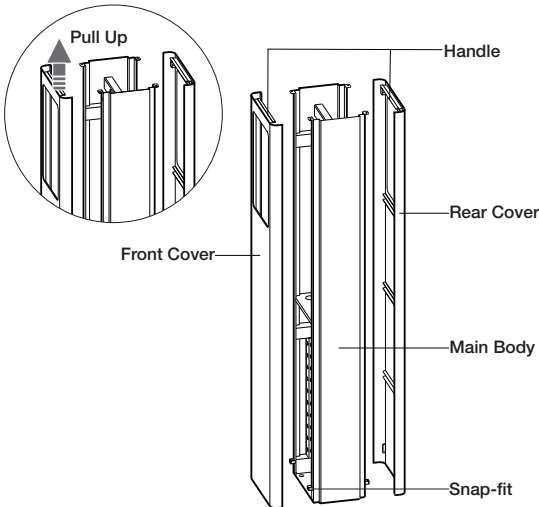
Unscrew the four screws and remove the top cover.

2



Loosen and remove the four butterfly bolts.

3

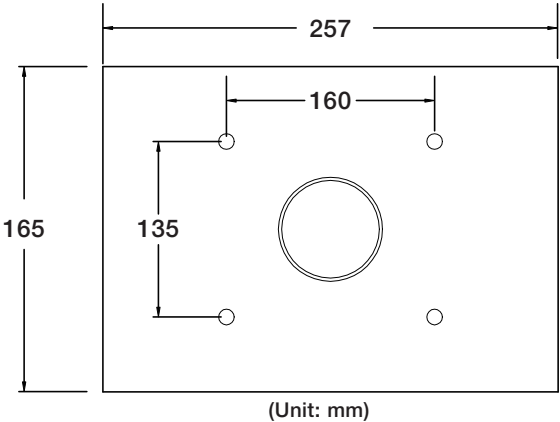


Pull the handle up until the bottom edge of the front/rear cover leaves the snap-fit to remove the front/rear cover.

Drilling Holes

NOTE: If you want to construct a concrete foundation, please refer to Preparing a Foundation (optional) on page 8 for construction instructions.

- 1. Place the main body of the pedestal onto the surface, aligning the central hole of the pedestal base with the conduit stub-up.
- 2. Mark the 4 holes on the surface using the base of the pedestal as a guide. Remove the pedestal tentatively.
- 3. Drill the 4 mounting holes measuring 12 mm in diameter and 60 mm in depth.



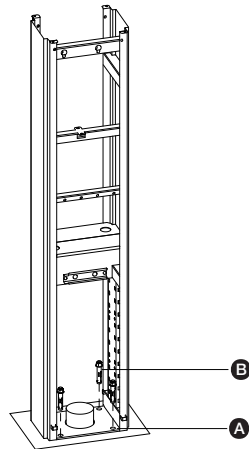
Installing the Pedestal

1

Put the main body of the pedestal onto the concrete surface.

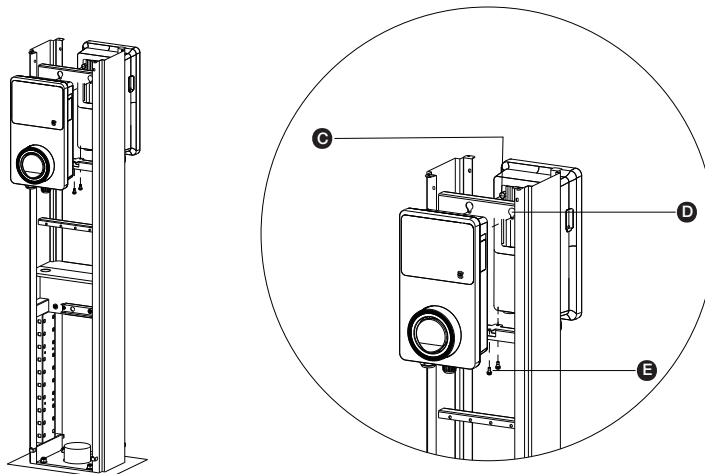
Illustration of the pedestal being installed onto a concrete surface. The pedestal is a tall, rectangular structure with a base. The base is shown being placed on a concrete surface. The pedestal has a central vertical column and a horizontal base. The base is shown being placed on a concrete surface. The pedestal is shown in a perspective view, highlighting its height and the base.

Align the main body with the four mounting holes (A). Put the four M12 x 60 bolts (B) into the holes and tighten the four nuts to anchor the main body. Ensure the main body is horizontal.



Mounting the Charger

Mount the charger to the main body of the pedestal by inserting the mounting screws (C) on the back of the charger into the two mounting holes (D) on the main body of the pedestal. Screw the M5 x 12 screw (E) and tighten it to secure the charger.



Power Supply Wiring

NOTE: Use the provided cable ties to tie the cables if needed.

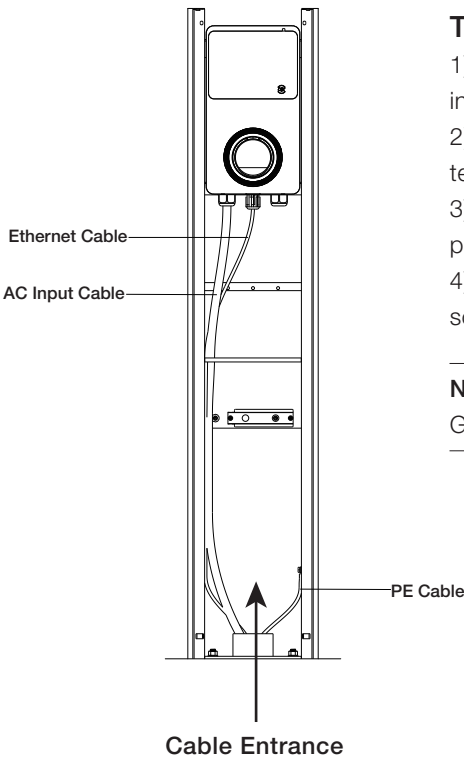
Preparation

Before connecting the cables, ensure all cables and terminal (RV5.5-6 or OT6-6 is recommended; not included in the package.) for PE cable are readily available.

Cable Specifications

No.	Name	Specification
1	L1	10 mm ²
2	L2	10 mm ²
3	L3	10 mm ²
4	N	10 mm ²
5	PE	10 mm ²

Wiring Connection(Without MCB and RCD)



To connect the PE cable

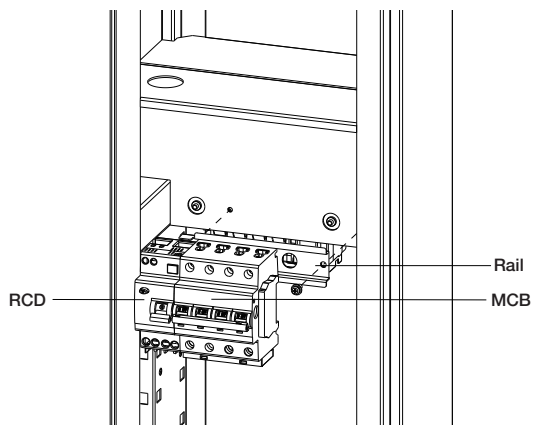
- 1) Strip an appropriate length of the insulation layer of the AC input cable.
- 2) Insert the exposed core wire into the crimping area of the terminal and crimp it tightly.
- 3) Unscrew the ground screw from the ground contact on the pedestal.
- 4) Secure the PE cable to the ground point using the ground screw and tighten it.

NOTE: Please refer to the User Manual or Quick Reference Guide of the charger for AC input cable wiring.

Wiring Connection (With MCB and RCD)

1

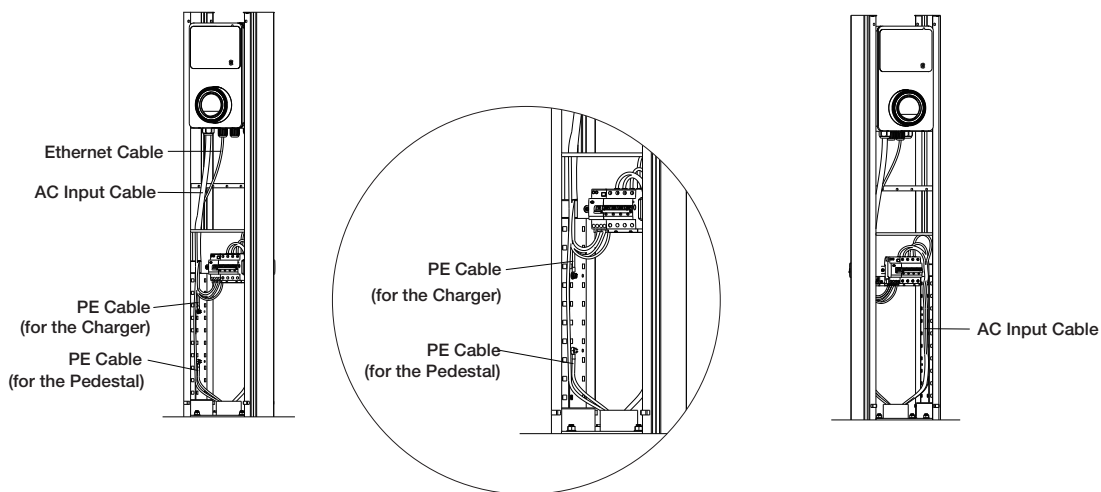
1. Refer to the Assembly Guide of MCB and RCD to assemble the MCB and RCD.
2. Position the MCB and RCD on the rail.



2

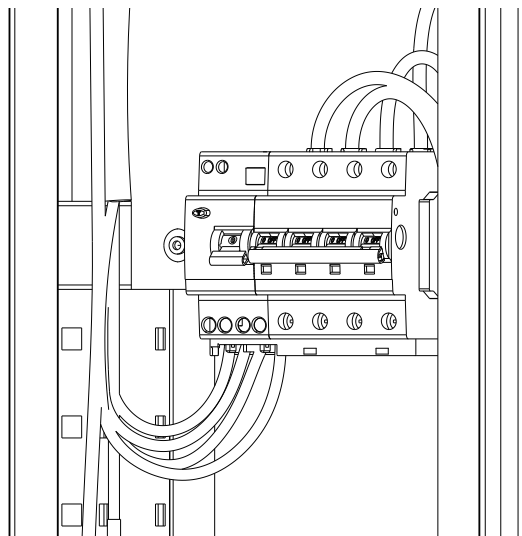
Connect the cables as shown below:

NOTE: There are two AC input cables to be connected. One comes from the bottom of the pedestal and connects to the MCB. The other comes from the charger and connects to the RCD. Please refer to *To connect the PE cable* on page 5 for PE cable connection details.



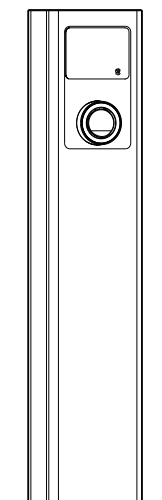
Wiring Diagram

From left to right, the wiring sequence is N, L3, L2, and L1.



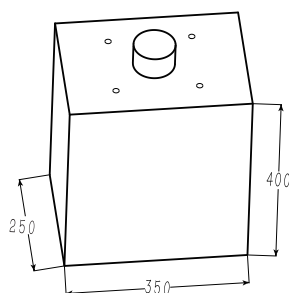
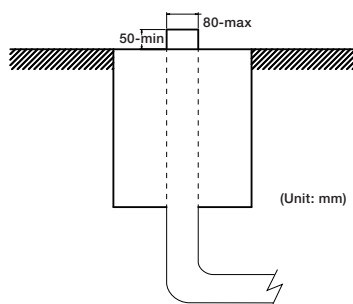
Assembling the Pedestal

After all the cables are connected correctly and screws are tightened, reinstall the front and rear covers.



Preparing a Foundation (optional)

1. Dig a hole according to the foundation dimensions. The size is recommended be 250 x 350 x 400 mm (L x W x H).
2. Trench and excavate an opening to lay the wiring conduit. The diameter of wiring conduit must be less than or equal to 80 mm.
3. Guide the conduit on the designated location.
4. Pour the wet concrete into the hole and wait until it is hardened.
5. Pull the wiring up through the conduit, leaving approximately 1.3 m extra length for the remaining installation activities.



NOTE: The illustrations in this guide are for reference only.