

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:

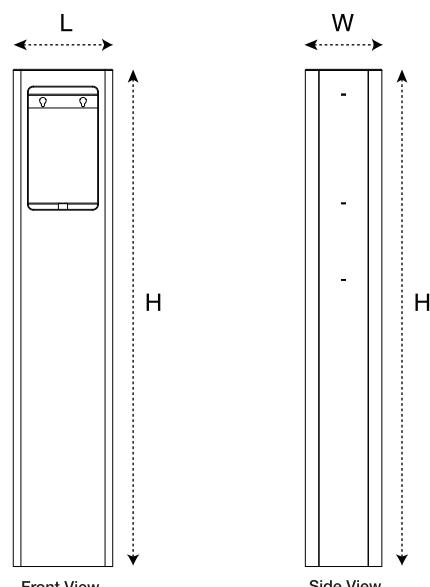
- A flat, concrete, and sound surface is required for installation. To ensure safe and permanent anchoring, the concrete strength level should be above C30.
- The base must permit the running off of any water that has entered the base.
- All cables must be laid precisely in the center of the concrete foundation from the base and must have an excess length of approx. 1.3 m for the remaining installation activities.
- The outer diameter of wiring conduit must not exceed 80 mm.
- The conduit stub-up should not be higher than 50 mm above the surface.
- Do not mount the pedestal on asphalt.

NOTE:

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

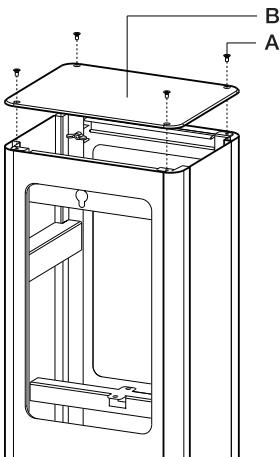
Product Specifications

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
Operation Temperature	-30 to +40 °C
Storage Temperature	-40 to +70 °C



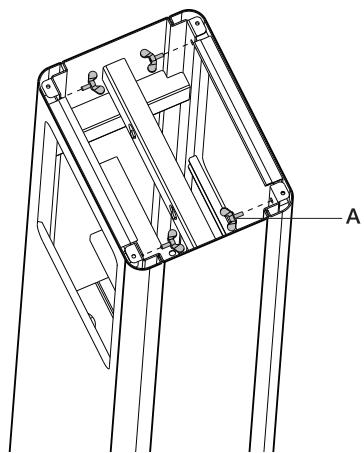
Dismantling the Pedestal

1



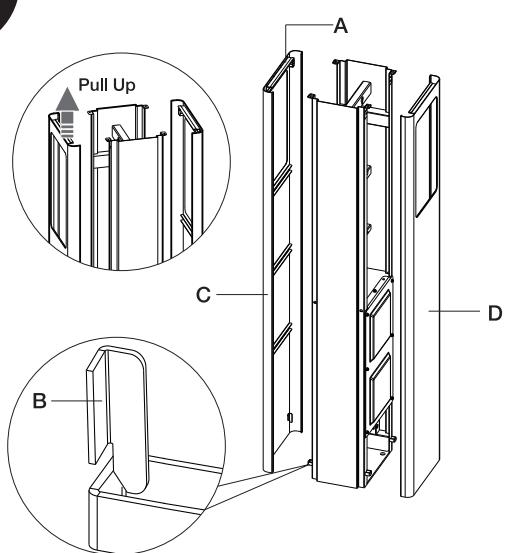
Loosen the four M5 x 12 screws (**A**) using a T25 screwdriver (not provided) and remove the top cover (**B**). Set them aside.

2



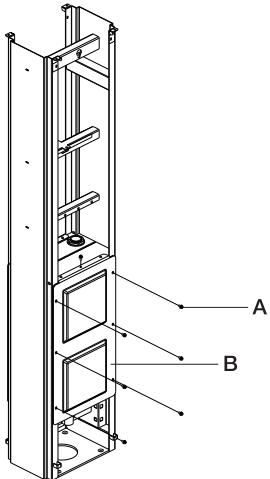
Remove the four M4 x 8 butterfly bolts (**A**). Set them aside.

3



Pull the handle (**A**) up until the snap-fit joints (**B**) are unlocked to remove the front (**C**) and rear (**D**) covers. Set them aside.

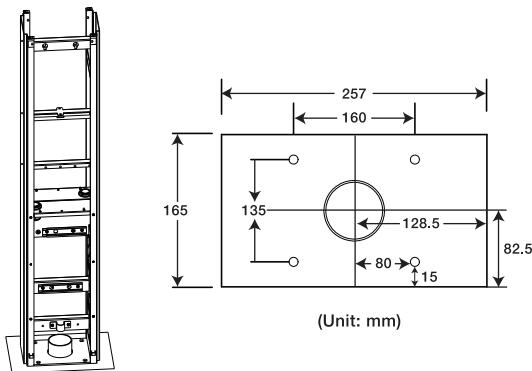
4



Use a Phillips screwdriver (not provided) to loosen the seven M4 x 10 screws (**A**) and remove the cover plate (**B**). Set them aside.

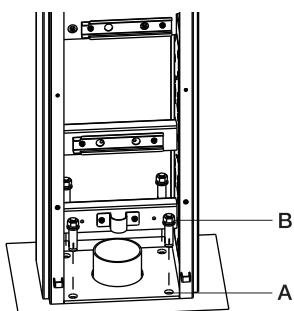
Drilling Holes

NOTE: If a new concrete foundation is needed, please refer to *Preparing a Foundation (optional)* on page 6 for construction instructions.



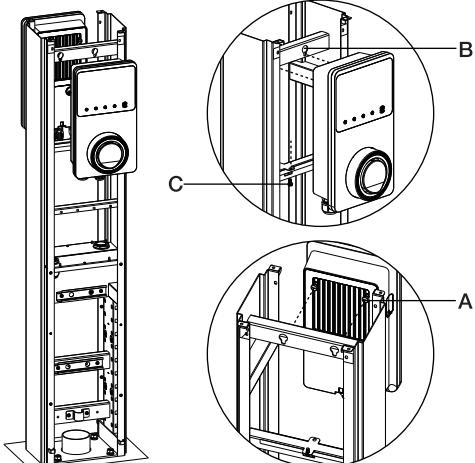
1. Place the main body of the pedestal onto the surface, aligning the central hole of the pedestal base with the conduit stub-up.
2. Mark four holes on the surface using the base of the pedestal as a guide. Remove the pedestal temporarily.
3. Drill four mounting holes measuring 12 mm in diameter and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

Installing the Pedestal



Put the main body of the pedestal onto the concrete surface, aligning with the four mounting holes (**A**). Insert the four included M10 x 60 bolts (**B**) into the holes and tighten them to anchor the main body. Ensure the main body is horizontal.

Mounting the Charger



Mount the charger to the main body by inserting the two mounting screws (**A**) on the back of the charger into the mounting holes (**B**) on the main body. Screw an M5 x 12 screw (**C**) included in the charger package and tighten the screw using the T25 screwdriver to secure the charger.

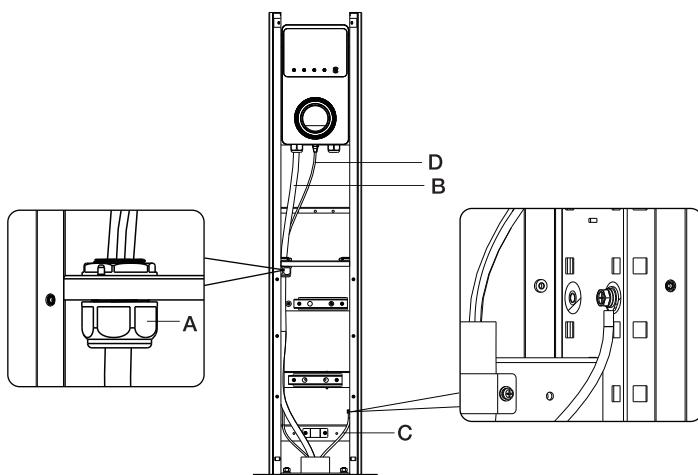
Wiring

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

Wiring Connection

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 cable lug and crimp it using a proper crimping tool.
3. Thread the cables through the waterproof cable gland (**A**).
4. Connect the AC input cable (**B**) as shown in the diagrams below depending on your order.
5. Connect the Ethernet cable (**D**) to the RJ45 port if needed.

Wiring without Electronic Components Inside

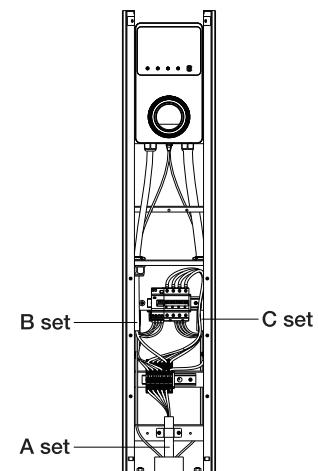
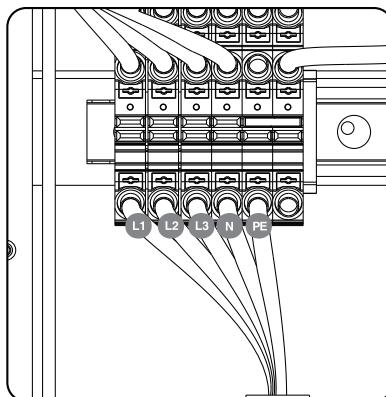
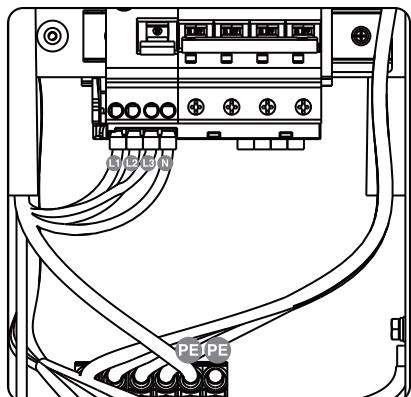


- Use 6 mm² copper wires.
- Two sets of AC input cable are needed for the dual chargers.
- An additional PE wire (**C**) is needed for the pedestal grounding. Install a cable lug (Recommended: RNB8-6) to the PE wire. Use an M6 x 16 screw provided to connect it with the pedestal.

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

Wiring with Electronic Components Inside

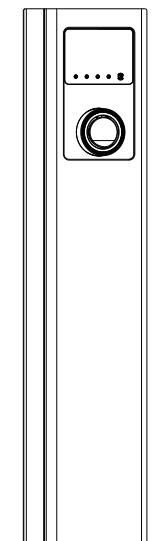
- Three sets of AC input cable are needed for the dual chargers, called **A set**, **B set**, and **C set** in this document. B set and C set connect the RCD with the charger.
- Use 6 mm² copper wires for B set and C set. Attach the cable lugs (Recommended: EVN6-12) to the wires.
- Use 16 mm² copper wires for A set. Attach the cable lugs (Recommended: EVN16-18) to the wires.
- Use the strain relief to secure the AC input cable.



*The PE port on the right is for the other charger.

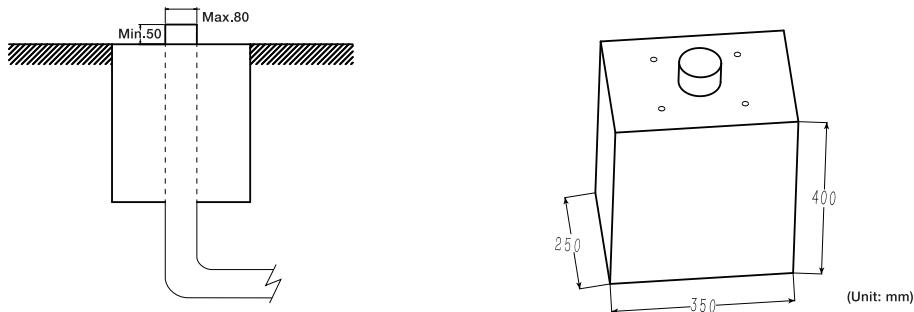
Assembling the Pedestal

Reinstall the cover plate, front cover, rear cover, and top cover after all the wires are connected correctly. The installation is completed now.



Preparing a Foundation (optional)

1. Dig a hole according to the foundation dimensions. The recommended size is 350 x 250 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 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.