| Yellow breathing lamp reserved | Yellow breathing lamp Charging suspension |
|---|---|
| Green flashing End of charging | Red flashing Error |
| Red all bright Disable | White water lamp Upgrading |

Green water lamp
In the Charging
The higher the charging current, the faster the rhythm of the status indicator

Green water lamp
In the Charging
The higher the charging current, the faster the rhythm of the status indicator

The reservation function is only applicable to the Atlas AC Commercial Charger

Please feel free to contact us if you have any problem with the charger.
You can also get the detailed product manual through our official website.
We'd love to hear from you, please reach out to us at
https://www.felicitysolar.com/.

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*Make life full of hope*

Atlas AC Home Charger
# Quickstart Guide

358-010323-00A

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## Installation steps

Choose the circuit breaker before installation
For safe use of Atlas Charger and maximum output power, please install circuit breaker as suggestion:
1. A single-phase 40A circuit breaker at the input line of 'A7-ST Socket' or 'A7-ST Cable'.
2. A three-phase 20A circuit breaker at the input line of 'A11-ST Socket' or 'A11-ST Cable'.
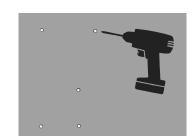Atlas Home Charger is integrated with type A 30mA AC and 6mA DC leakage protection, you can choose to install a separate residual current device (RCD) type B leakage protection circuit breaker according to your need for a wall-mounted charger.

**WARNING:** Turn off the power before begin the wiring.
Use with extreme caution and follow instructions carefully.

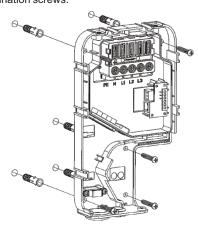**Note:** Do not open forcibly, it will cause damage to the product.

### 1 Wall-mounting/Pole-mounting

1. Drill 5 holes using φ 10 drill bit on the wall, with a depth of about 60mm. (recommended installation height: 50–150cm)

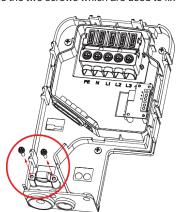For wall-mount, fix the backplate using 5 PA6*50mm tapping screws.
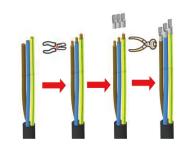For pole-mount, fix the backplate using 5 M5*16mm combination screws.

## 2 Wiring
### Input power cable

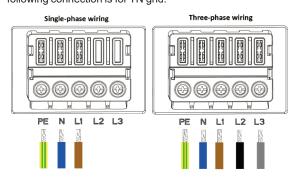1. Release the two screws which are used to fix input power line.

2. Strip the individual wires by about 7 to 10 mm (0.3 to 0.4in). Wrap the terminal blocks in the accessory kit to the core. Use pliers to crimp the terminals firmly.

**Note:** Ensure that the insulation rubber of the AC input cable is flush with the indicator position on the backplate.

3. Press the AC input cable with cable crimp ring, and connect the PE-N-L1-L2-L3 cable to the corresponding port. The following connection is for TN grid.
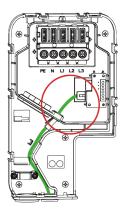
Single-phase wiring          Three-phase wiring

PE  N  L1  L2  L3         PE  N  L1  L2  L3

4. After finished wiring input power cable, please lock the 2 screws mentioned in step 1 back.

**Note:** For single-phase cables, require at least 32A cables as input cables. For three-phase cables, require at least 16A cables as input cables.
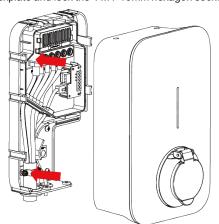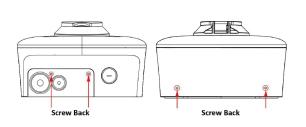
### Ethernet line

5. It is recommended to use a network cable of Category 5e or above.

### 3 Attaching Back and Power on

1. Once all cable have been inserted, install the product body to backplate and lock the 4 M4*10mm hexagon socket screws.

Screw Back          Screw Back

2. Turn on the power. The Atlas Charger now electrically live and will show purple breathing light (offline idle).

### Status Indicator Light

| Green breathing lamp Online Idle | Green all bright Online prepare |
|---|---|
| Purple breathing lamp Offline Idle | Purple all bright Offline prepare |