StarCharge



Juno EV Supply Equipment

Operation Guide

Google Play

App Store

User Manual
& Video Guide

Startup method

The EVSE has two startup method.



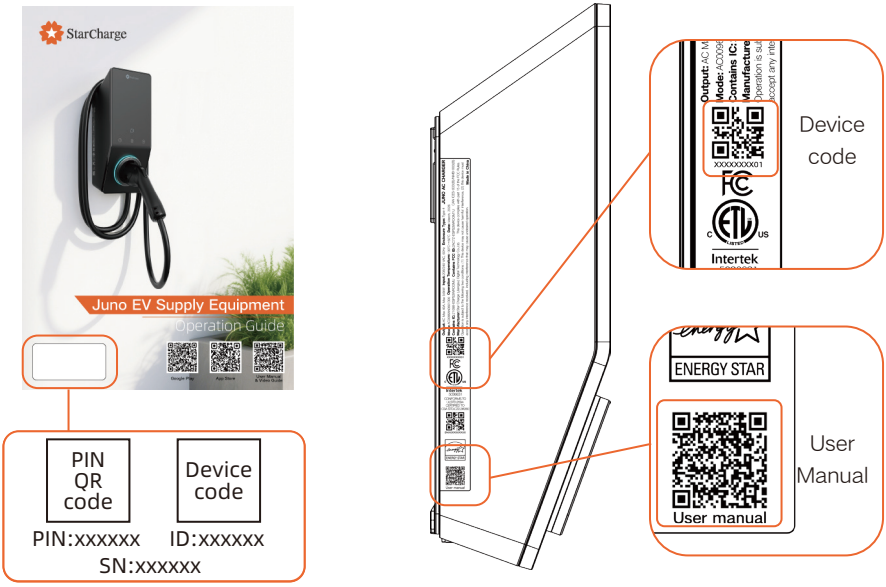
APP charging　　Plug & Charging

Open the App Store or Google Play, search for "StarCharge Home" and download the APP.
Scan the QR code below to download the StarCharge Home App.

App Store　　Google Play

Note

For the steps of using designated APP, refer to the User Manual.
Refer to the image below to find your Pin code and Device code.



Installation tips

(1) Power supply must be installed per NEC or local AHJ requirements, by a certified electrician.

(2) Turn off all power before beginning installation.

(3) Use Min. 90° C copper conductors.

(4) Use copper conductors only within the wire size range of 8 to 4 AWG (8mm^2 to 20mm^2).

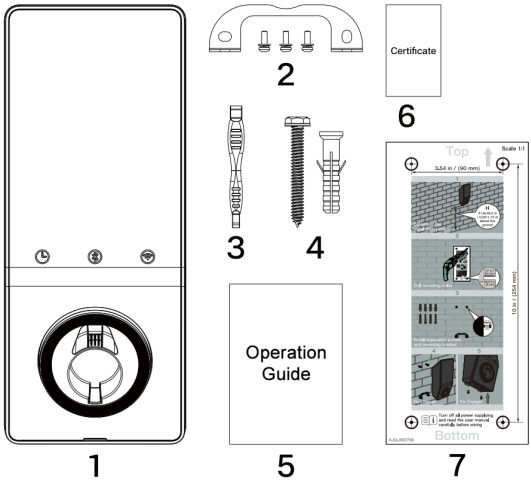
(5) Based on different powers -> based on breaker power allowance.

(6) To reduce the risk of fire, connect only to a circuit with a branch circuit over-current protection of 50A in accordance with ANSI/NFPA 70, National Electrical Code(Canada).

(7) Read User manual before installation.

(8) Carefully inspect and ensure all components are non-damaged upon receipt of materials.

Contents

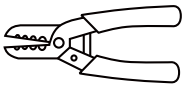
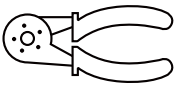
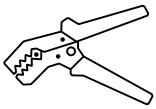
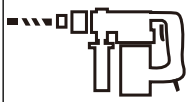
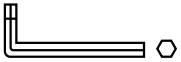
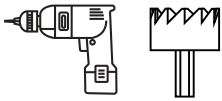
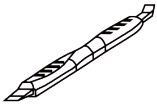


Item	Description
1	EVSE ×1
2	Mounting bracket ×1 M4x12mm screw ×3 (1 for standby)
3	Prying Tool ×1
4	M6x50mm self-tapping screw ×5 (1 for standby) Φ8x40mm plastic expansion tube ×5 (1 for standby)
5	Operation Guide ×1
6	Certificate ×1
7	Positioning cardboard ×1

1 Installation

1.1 Preparation for installation

Installation tools

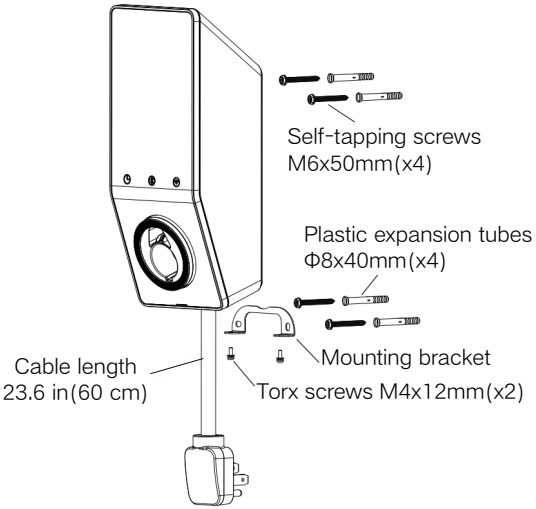
Type	Tool			
Power cable preparation	 Electrician knife	 Wire stripping pliers	 Crimping pliers	 Crimping pliers
Installation tool	 Percussion drill	 Combination wrench (full set)	Screwdriver (PH2)	Screwdriver (SL2)
	 Torx screwdriver (full set)	 Electric torque screwdriver (with full set of PH screw bit, Torx screw bit and SL screw bit)		 Hammer
Other tool	 Spirit level	 Tape measure	Maker pen	 Prying Tool (Included)

Note

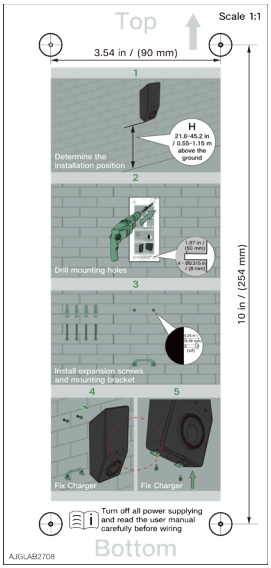
The above tools shall be selected based on the actual situations on site.

1.2 Installation

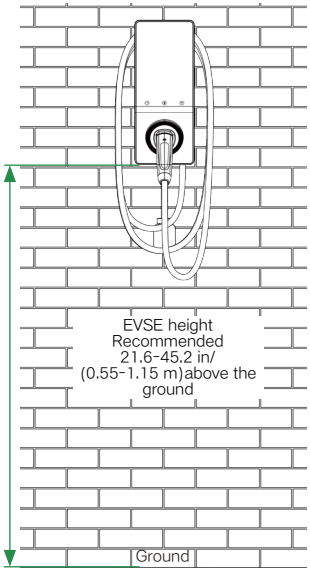
1.2.1 Installation of **the NEMA plug-in EVSE**



1 General assembly drawing of the NEMA plug-in EVSE

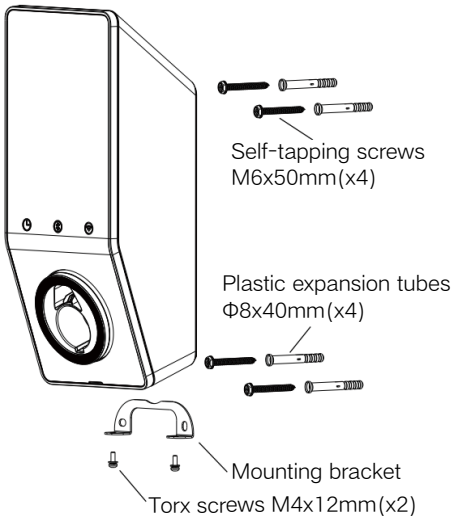


2 Follow the instructions on the Positioning Cardboard

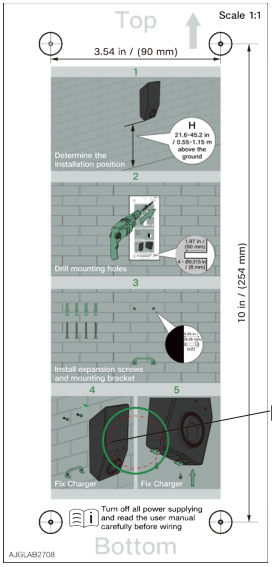


3 Complete the installation

1.2.2 Installation of **the Hardwired EVSE**

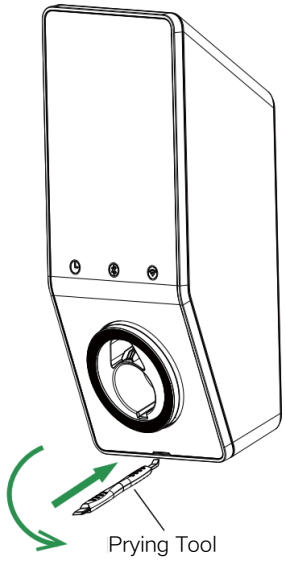


1 General assembly drawing of the Hardwired EVSE

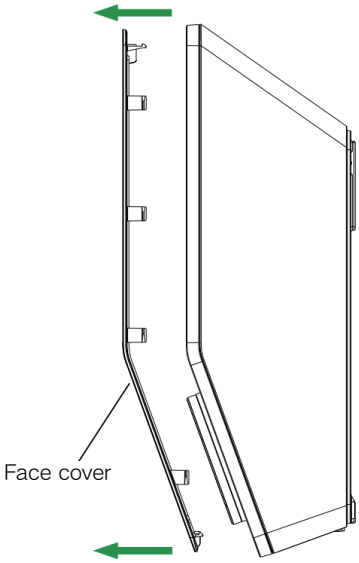


Rear Entry Hole

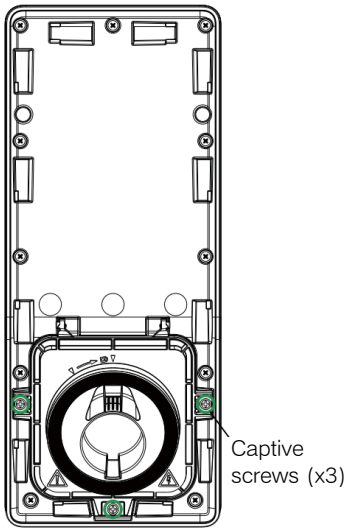
2 Mark the installation holes and rear cable entry holes



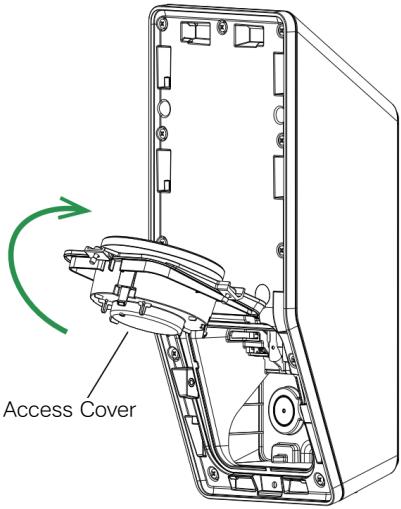
3 Remove the face cover



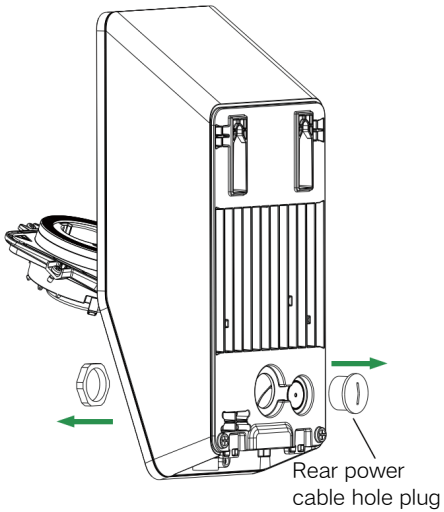
4 Remove the face cover



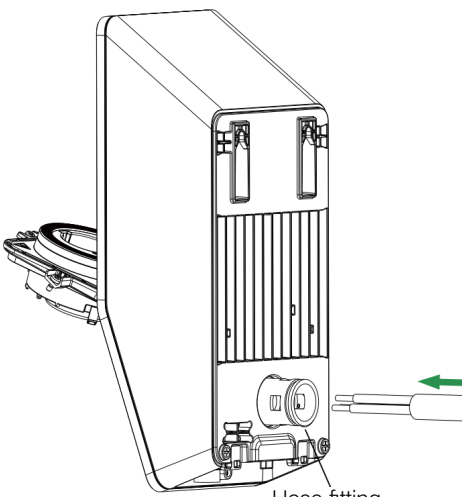
5 Remove the captive screws



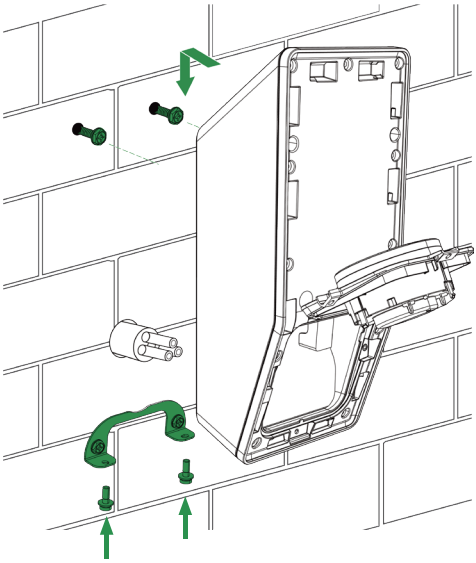
6 Flip the access cover upwards



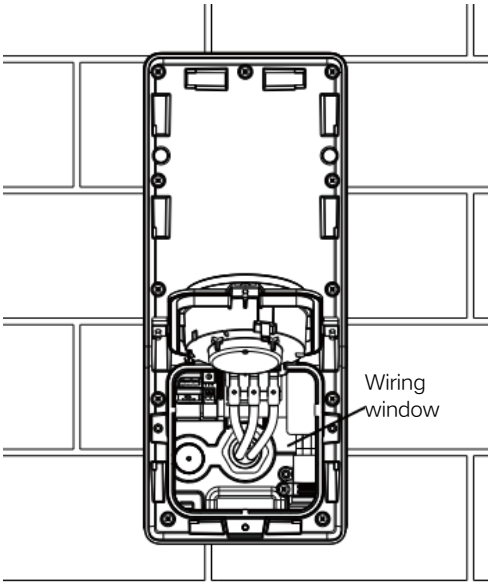
7 Remove the rear hole plug



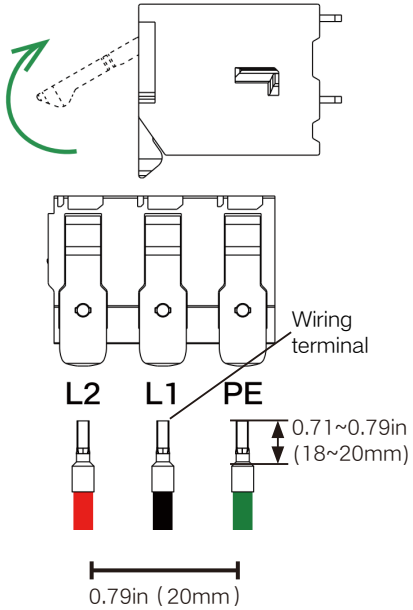
8 Install hose fitting (3/4 in)



9 Fixed the EVSE



10 Wiring



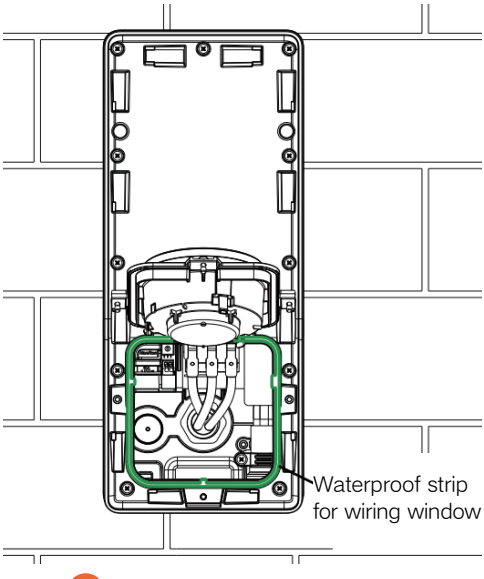
Note

If the power cable uses solid core wire, it can be directly connected to the terminal after stripping, the stripping length for the solid wire must be 0.71~0.79in(18-20mm). If the power cable uses stranded wire, a suitable pin-type terminal must be crimped onto the wire end before connecting it to the power terminal, the length of the selected pin-type terminal must also be 0.71~0.79in(18-20mm), pin-type terminals need to be crimped using a professional tool to ensure reliable crimping.

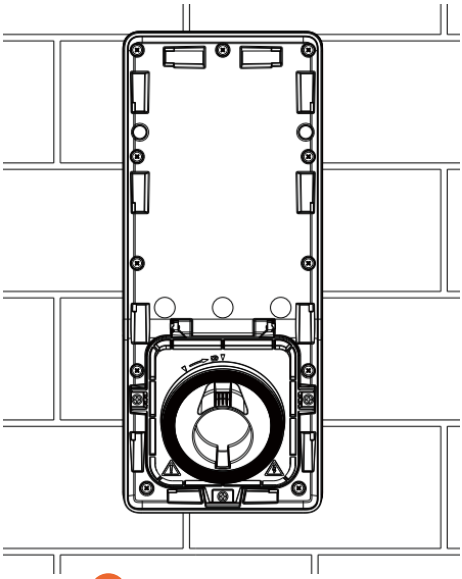
Refer to the table below to select the appropriate electrical wires based on different powers.

Cable name	Model	Remarks
Inlet power cable(9.6kW)	2x6AWG+8AWG (PE) 90° C copper wire	1. Stranded copper cables are highly recommended for this application. 2. If stranded cable is used, it is necessary to crimp the terminals. 3. Pin-type Terminal Recommendation: • 4AWG-KST E25-18 or equivalent model • 6AWG-KST E16-18 or equivalent model • 8AWG-KST E10-18 or equivalent model 4. If solid wire is used, there is no need to crimp the terminals. Wire selection is at the discretion of theuser.
Inlet power cable(12kW)	2x4AWG+8AWG (PE) 90° C copper wire	

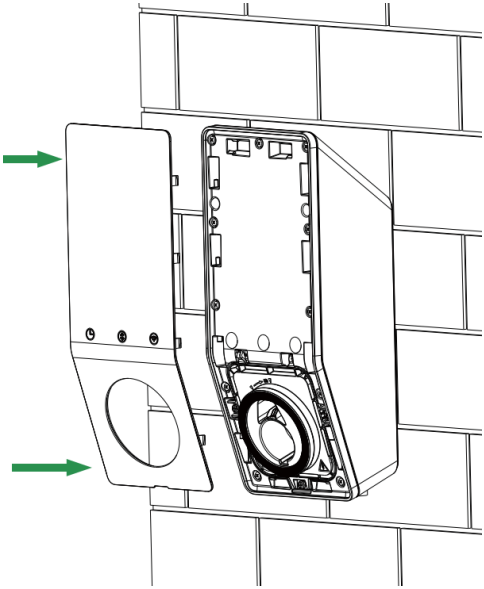
Hang the EVSE on the top two extended screws. Secure the EVSE to the mounting bracket usingtwo M4 Torx screws. The recommended torque for the screws is 2.0 N.m as shown in Positioning Cardboard.



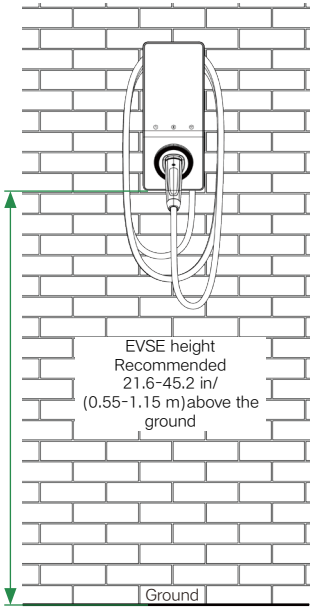
11 Check the waterproof strip



12 Fix the access cover



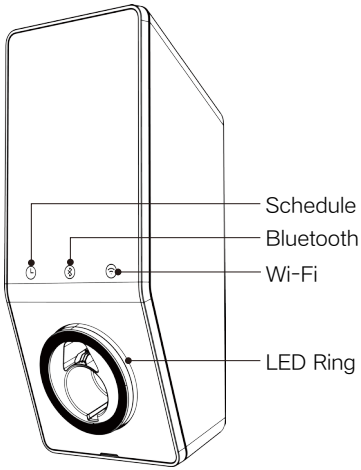
13 Reinstall the face cover



14 Complete the installation

2 Using instructions

2.1 LED indicator status

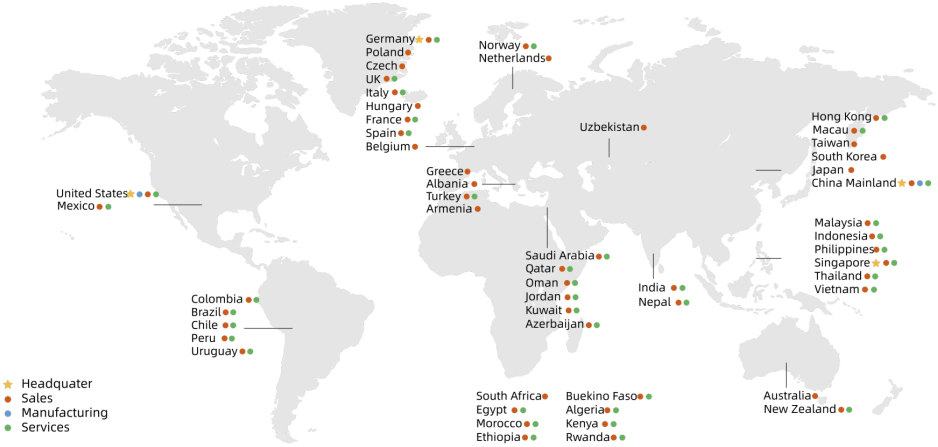


LED	Status	Meaning
	Steady on	EVSE in standby
	Flashing 1 time per 1s	EVSE ready
	Steady on	Charging connector inserted
	Breathing	Charging
	Steady on or flashing	Fault

Note

If the red fault light is on, please troubleshoot according to the user manual.

Connect the world
Connect the people



CUSTOMER SERVICE

Hotline No.: (+1)917-242-3088

After-sales email: service@starcharge.com

Before contacting Customer Service:

Check the Error information section in the User Manual.

www.starcharge.com