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SHOCKFLO

CERTIFICATION:



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www.shockflo.com/ev-station-service.html

IF YOU HAVE ANY QUESTION, PLEASE CONTACT US.

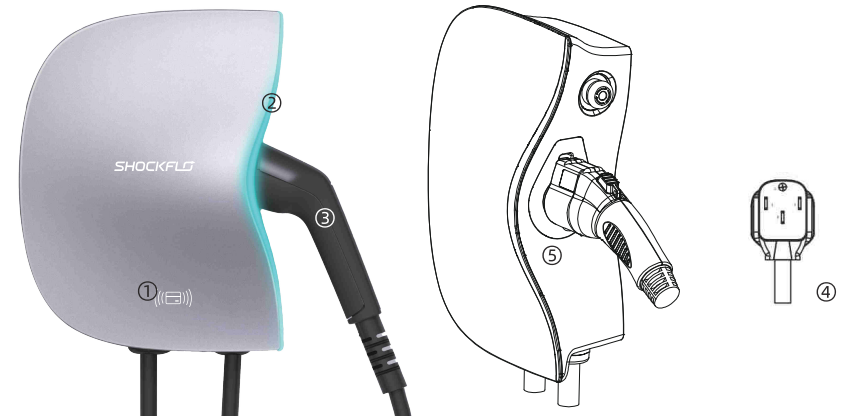
SHOCKFLO

CS02 48A EV Charging Station

Installation and user guide

Please read all instructions carefully before use.

1.Main part



(1)Master Device:

- ①Key Card swipe location
- ③Charging Connector
- ⑤Charging Connector Holder

- ②LED Strip
- ④NEMA14-50 Plug

(2)Accessories:

- Installation and user guide*1
- Key Card*1
- Expansion Screw*4

- APP User Guide*1
- Wall Bracket*1
- Common Screw*1

2. Product Specifications

SHOCKFLO CS02 EV Charging Station (48A)	
Product model	CS02
Charging Standard for EV	Type 1 (SAE J1772)
Nominal Voltage	240V AC 60Hz
Nominal Current	48A
Applicable Plug	NEMA 14-50P
Certification	FCC、Energy Star
Protection Degree	IP65
Length	Input Cable: 1 ft (0.3m) Output Cable: 17 ft (5.2m)
Working temperature	-22°F to +122°F
Supported features	Regulates current and power Schedule a charging start and end time
Start charging	1、 Plug to play 2、 Activate by swiping 3、 Start immediately through the APP 4、 Set a scheduled charging through the APP
Stop charging	1、 Automatic stop when fully charged 2、 Stop by swiping 3、 Immediately stop via APP 4、 Schedule a time stop through the APP
APP connection method support	WIFI (2.4Ghz) Bluetooth (5.1)
Charging protection:	Current-leakage Protection Over-heat Protection Lightning Protection Over-current Protection Under-current protection Over-voltage Protection Under-voltage protection Automatic Power-off Poor grounding detection Emergency stop switch Temperature chip fault detection Measurement chip fault detection Relay detection

3. Product Installation Instructions

(1) Install Prerequisites



①Hammer



②Electric Drill



③Pencil

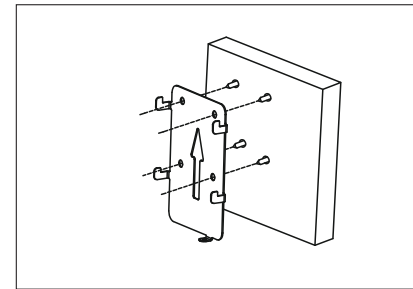


④Screwdriver

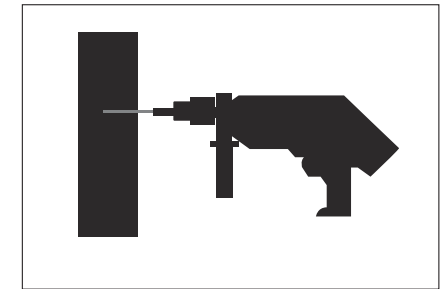


⑤Wrench

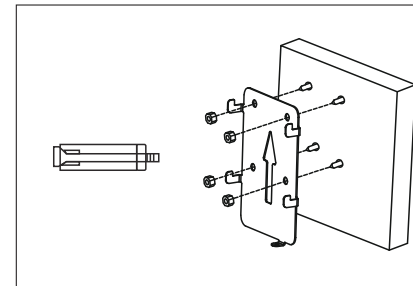
(2) Product Installation Steps



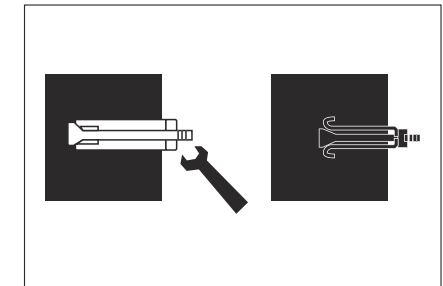
①Attach the wall bracket to the wall, and mark 4 fixing points with a pencil; it is recommended to install within 1.3-1.6 meters from the ground.



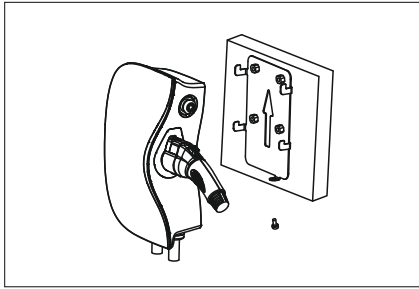
②Use an electric drill to drill holes equivalent to the diameter of the expansion screws at the 4 marked fixed points. (Expansion screw specification: M10*80).



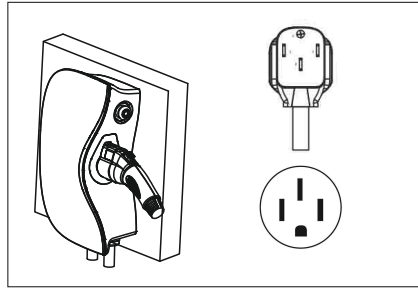
③Fix the wall bracket on the wall, and plug the expansion screws into the 4 drilled fixing holes.



④Tighten the nut with a wrench, so that the tail of the expansion screw is forced to open, and the wall bracket is fixed.

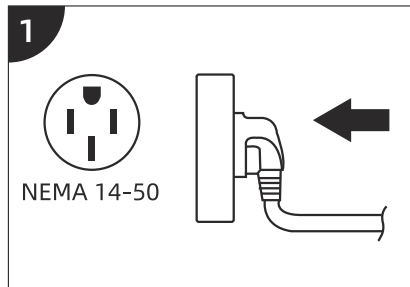


⑤ After the charging device is hung on the wall bracket and fixed, lock the device and the bracket with screws from the bottom.

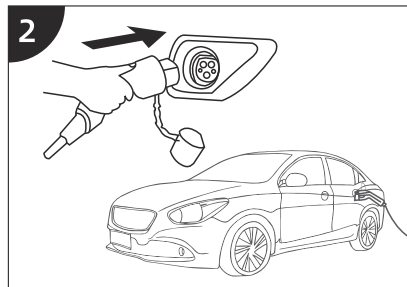


⑥ Plug it into a NEMA14-50R socket and you're ready to go.

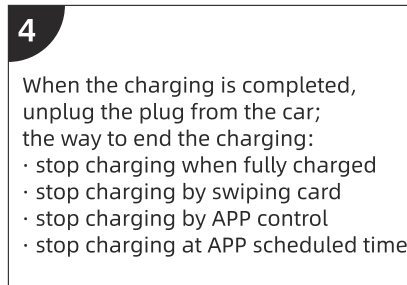
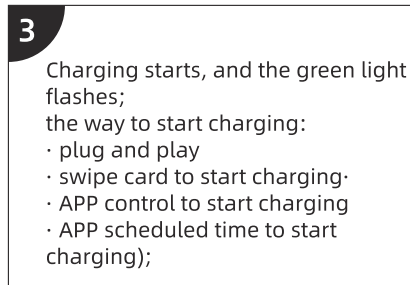
4. Charging Steps



NEMA14-50 plug is connected to the power supply;



The charging connector is connected to the charging port of the electric vehicle;



5. Light status during use

Normal light status	Status indication explanation
Solid Blue	The charging station is powered on, the charging connector is not inserted into the car, and the APP is not connected to WiFi or Bluetooth;
Blinking Blue	The charging station is powered on, connected to the charging port of the car, and the APP is not connected to WiFi or Bluetooth;
Solid Cyan	The charging station is powered on, the charging connector is not inserted into the car, and the APP is connected to Wifi or Bluetooth
Blinking Cyan	The charging station is powered on, connected to the charging port of the car, and the APP is connected to Wifi or Bluetooth
Solid Green	Charging is complete, the car terminal actively disconnects
Blinking Green	Charging is in progress
Blinking Yellow	The OTA upgrade is in progress. (The progress can be views on SHOCKFLO APP)

Malfunction light status	status indication explanation	Troubleshooting	Recovery Scenarios After Troubleshooting
Red light flashes 1 time	Leakage	Contact Customer Service	After eliminating the problem, you need to unplug the plug and reconnect the power supply, and the device will be back to normal after restarting
Red light flashes 2 times	Abnormal vehicle interaction	Contact Customer Service	After troubleshooting, restore by itself

Malfunction light status	status indication explanation	Troubleshooting	Recovery Scenarios After Troubleshooting
Red light flashes 3 times	Over voltage	Check power outlet voltage, contact local power center or electrician to check	After troubleshooting, restore by itself
Red light flashes 4 times	Under voltage	Check power outlet voltage, contact local power center or electrician to check	After troubleshooting, restore by itself
Red light flashes 5 times	Over current	Contact Customer Service	After eliminating the problem, you need to unplug the plug and reconnect the power supply, and the device will return to normal after restarting
Red light flashes 6 times	Poor grounding	Check if the power outlet is grounded, contact your local power center/electrician to check	After troubleshooting, restore by itself
Red light flashes 7 times	Emergency stop	Confirm the status of the emergency stop switch; release the emergency stop manually	After troubleshooting, restore by itself
Red light flashes 8 times	Short circuit	Contact Customer Service	After eliminating the problem, you need to unplug the plug and reconnect the power supply, and the device will return to normal after restarting
Red light flashes 9 times	Over heating	Contact Customer Service	After troubleshooting, restore by itself

Malfunction light status	status indication explanation	Troubleshooting	Recovery Scenarios After Troubleshooting
Red light flashes 10 times	Temperature chip failure (missing or abnormal data measuring chip temperature)	Contact Customer Service	After eliminating the problem, you need to unplug the plug and reconnect the power supply, and the device will return to normal after restarting
Red light flashes 11 times	Metering chip failure (missing or abnormal measurement of voltage, current and electricity data)	Contact Customer Service	After eliminating the problem, you need to unplug the plug and reconnect the power supply, and the device will return to normal after restarting
Red light flashes 12 times	Leakage protection function self-test is abnormal	Contact Customer Service	After eliminating the problem, you need to unplug the plug and reconnect the power supply, and the device will return to normal after restarting
Red light flashes 13 times	Relay sticking	Contact Customer Service	After eliminating the problem, you need to unplug the plug and reconnect the power supply, and the device will return to normal after restarting

6. Caution

- (1) This is for EV chargers with Type 1 inlet (SAE J1772), suitable for EVs with SAE J1772 charging ports.
- (2) The device has a precise internal structure. If you have any questions, please contact our customer service at first time. Please don't take it apart without any professional technical support.
- (3) Do not soak the top of the charger connector in water.
- (4) This product is only used for electric vehicle charging. Please do not use it for any other occasions including hauling, bundling, etc.

- (5) Do not use the charger if the control box is damaged or an abnormal alarm occurs.
- (6) The equipment must be grounded.
- (7) It is not recommended to use this device with extension cords or adapters.
- (8) Be aware of the risk of electric shock or burns.
- (9) The device does not contain any user-serviceable parts.
- (10) Do not disconnect the plug when the electric car charger is working.
- (11) When you encounter problems with the use or failure of the charging station, please provide the Bluetooth name or product number of the product so that we can quickly help you solve the problem.
- (12) Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Statement:

1. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.