Portable EV Charger Instructions



It is recommended to read the instructions before use

WARNING!

- Avoid immersing the AC charging connection device in water.
- Do not step on, pull, bend, or knot the charging cable.
- Do not insert foreign objects into any part of the Charging vehicle connector.
- Refrain from dropping the control box or placing heavy objects on its surface.
- Do not install or use the charger near flammable, explosive, harsh, or combustible materials, chemicals, or vapors.
- Ensure the operating ambient temperature of the equipment remains within the range of -30 °C to +55 °C.
- Don't use the charger when you,the vehicle,or the charger is exposed to severe rain.
- Do not use the charger if it is defective, appears cracked, frayed, broken, otherwise damaged, or fails to operate.
- Do not use this product if the enclosure or the EV connector is broken, cracked, open, or shows any other indication of damage.
- Do not attempt to open, disassemble, repair, tamper with, or modify the charger.
- This product is exclusively designed for electric vehicle charging purposes.
- Avoid using external wires or adapters.
- This product must be well-grounded when used.
- Never insert your fingers into the charging plug.
- The EV charger is not user serviceable. Contact us at tina @feyree.com start for any repairs.
- If the device fails to charge normally as per the operation manual, please contact the seller or consider a replacement.
- Never allow children to play with the charger cable.
- To avoid the risk of fire or electric shock, do not use this device with an extension cord.
- Using a worn or damaged AC outlet may cause burns or start a fire.
- Risk of explosion. This equipment has an arc or sparking parts that should not be exposed to flammable vapors
- Risk of electric shock. Do not remove the cover or attempt to open the enclosure of the charger unit.No user-serviceable parts inside. Refer servicing to qualified service personnel.

CAUTION!

Please Note Before Start Charging

Precautions 1:

*It is recommended that electrical outlets for your charger should be installed by a licensed and qualified electrician. To avoid serious injury or death; installation must comply with local codes.

*This product must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to help reduce the risk of electric shock.

Precautions 2:

*Ensure the power plug and socket are compatible before initiating the charging process.

*Do not charge if the socket is damaged, rusty, cracked, or has a loose connection. In case the socket is dirty or wet, please disconnect the power supply first. Wipe the charging plug with a dry and clean cloth to ensure it is dry and free from any debris.

*Verify that the charging connector, cable, control box, and plug surface are in good condition without any scratches, rust, breaks, or damages.

Charging box description

TYPE2

Power Rating	7kW		11kW		22kW	
APP	/	●	/	●	/	●
Leakage protection	TypeB AC 30mA+DC 6mA					
Power supply system	Single Phase		Three Phase		Three Phase	
Rated voltage	85V-264V		380V±20%		380V±20%	
Rated current	8-10-13-16-20-25-32A		8-10-13-16A		8-10-13-16-20-25-32A	
Input Frequency	50/60Hz		50/60Hz		50/60Hz	
Charger Plug	IP66		IP66		IP66	
Charger Box	IP66		IP66		IP66	
Working temperature	-30℃ ~ +55℃		-30℃ ~ +55℃		-30℃ ~ +55℃	
Storage Temperature	-40℃ ~ +80℃		-40℃ ~ +80℃		-40℃ ~ +80℃	
Standby power	<3W		<3W		<3W	
Operation Humidity	5%~95% non-condensation		5%~95% non-condensation		5%~95% non-condensation	
Cable Specification	3G 6mm²+1*0.5mm²		5G 2.5mm²+1*0.5mm²		5G 6mm²+1*0.5mm²	

GB/T

Power Rating	7kW		11kW		22kW	
APP	/	●	/	●	/	●
Leakage protection	TypeB AC 30mA+DC 6mA					
Power supply system	Single Phase		Three Phase		Three Phase	
Rated voltage	85V-264V		380V±20%		380V±20%	
Rated current	8-10-13-16-20-25-32A		8-10-13-16A		8-10-13-16-20-25-32A	
Input Frequency	50/60Hz		50/60Hz		50/60Hz	
Charger Plug	IP66		IP66		IP66	
Charger Box	IP66		IP66		IP66	
Working temperature	-30℃ ~ +55℃		-30℃ ~ +55℃		-30℃ ~ +55℃	
Storage Temperature	-40℃ ~ +80℃		-40℃ ~ +80℃		-40℃ ~ +80℃	
Standby power	<3W		<3W		<3W	
Operation Humidity	5%~95% non-condensation		5%~95% non-condensation		5%~95% non-condensation	
Cable Specification	3G 6mm²+1*0.5mm²		5G 2.5mm²+1*0.5mm²		5G 6mm²+1*0.5mm²	

Charging box description

TYPE1

Power Rating	Level 2 - 7kW		Level 2 - 9.6kW		Level 2 - 12kW	
APP	/	●	/	●	/	●
Leakage protection	TypeA (60Hz)AC 20mA TypeA (50Hz)AC 30mA					
Power supply system	Level 1 and Level 2		Level 1 and Level 2		Level 1 and Level 2	
Rated voltage	85V-264V		85V-264V		85V-264V	
Rated current	8-10-13-16-20-25-32A		8-10-13-16-20-25-32-40A		8-10-13-16-20-25-32-40-50A	
Input Frequency	50/60Hz		50/60Hz		50/60Hz	
Charger Plug	IP66		IP66		IP66	
Charger Box	IP66		IP66		IP66	
Working temperature	-30℃ ~ +55℃		-30℃ ~ +55℃		-30℃ ~ +55℃	
Storage Temperature	-40℃ ~ +80℃		-40℃ ~ +80℃		-40℃ ~ +80℃	
Standby power	<3W		<3W		<3W	
Operation Humidity	5%~95% non-condensation		5%~95% non-condensation		5%~95% non-condensation	
Cable Specification	3G 6mm²+1*0.5mm²		3G 8mm²+2*0.5mm²		3G 10mm²+2*0.5mm²	

TS-NACS

Power Rating	Level 2 - 7kW		Level 2 - 9.6kW		Level 2 - 12kW	
APP	/	●	/	●	/	●
Leakage protection	TypeB AC 30mA+DC 6mA					
Power supply system	Level 1 and Level 2		Level 1 and Level 2		Level 1 and Level 2	
Rated voltage	85V-264V		85V-264V		85V-264V	
Rated current	8-10-13-16-20-25-32A		8-10-13-16-20-25-32-40A		8-10-13-16-20-25-32-40-50A	
Input Frequency	50/60Hz		50/60Hz		50/60Hz	
Charger Plug	IP66		IP66		IP66	
Charger Box	IP66		IP66		IP66	
Working temperature	-30℃ ~ +55℃		-30℃ ~ +55℃		-30℃ ~ +55℃	
Storage Temperature	-40℃ ~ +80℃		-40℃ ~ +80℃		-40℃ ~ +80℃	
Standby power	<3W		<3W		<3W	
Operation Humidity	5%~95% non-condensation		5%~95% non-condensation		5%~95% non-condensation	
Cable Specification	3G 6mm²+1*0.5mm²		3G 8mm²+2*0.5mm²		3G 10mm²+2*0.5mm²	

NO APP Version



The device cannot adjust the current during charging.

A Adjust Current
(Click to down)

D Set Delay Time
(Click to enter)

T Set Charging Time

(Long press for 10 seconds to enter the settings page)

WIFI APP Version



The device cannot adjust the current during charging.

Adjust Current
(Click to down)

Set Delay Time
(Click to enter)

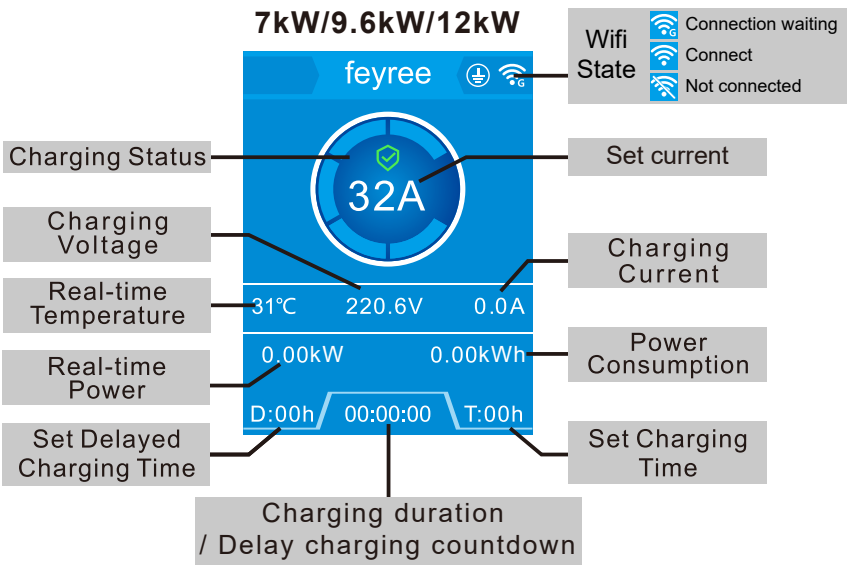
Set Charging Time

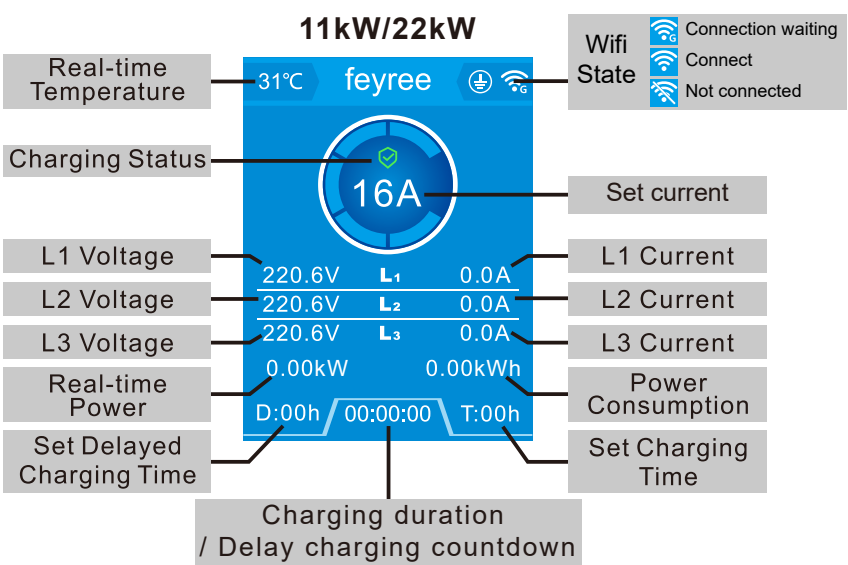
(Long press for 10 seconds to enter the settings page)


113mm
66mm
260mm
Adjust current
Delayed charging
Charging duration
EV Charger
Box Holder

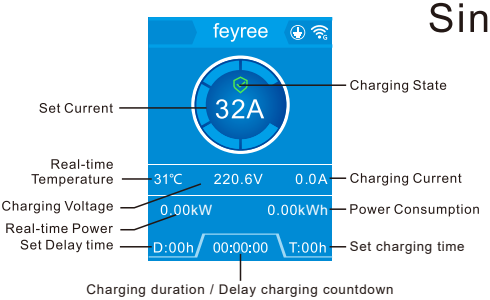

113mm
66mm
260mm
EV Charger
Box Holder

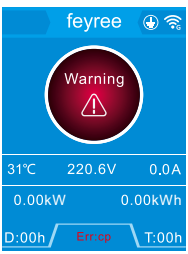
Control Box LCD Display



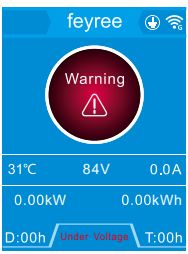


Single-phase

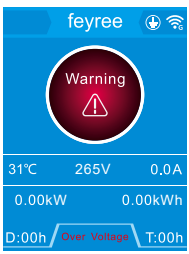




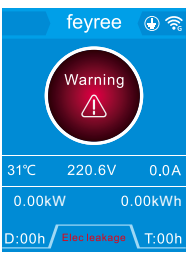
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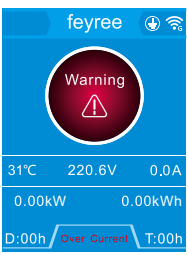
Under Voltage



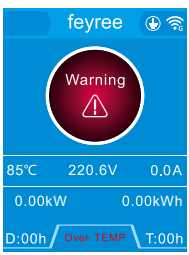
Over Voltage



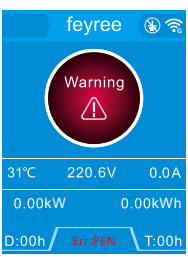
Leakage



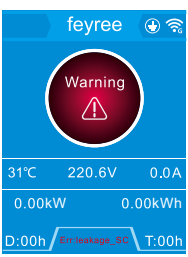
Over Current



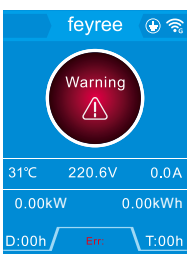
Over TEMP



PE missing warns

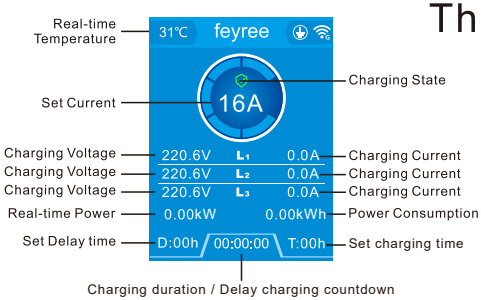


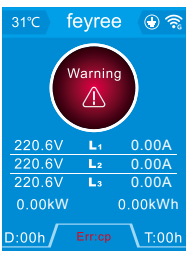
Leakage self check



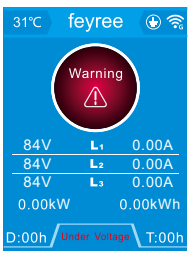
Relay self check

Three-phase

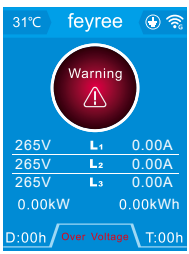




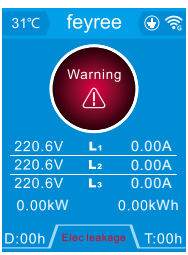
Error cp



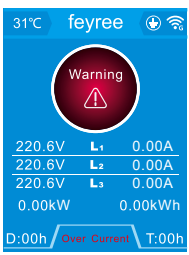
Under Voltage



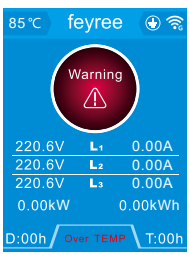
Over Voltage



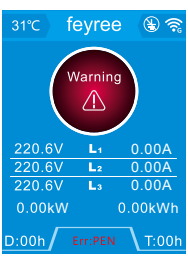
Leakage



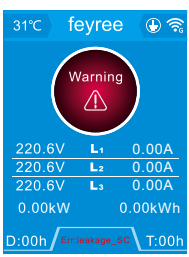
Over Current



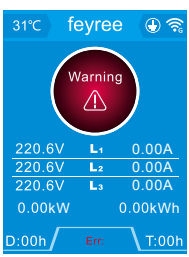
Over TEMP



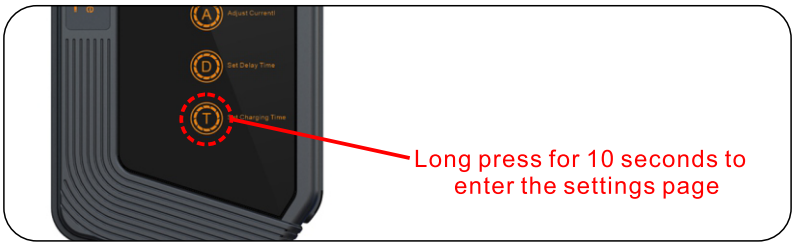
PE missing warns



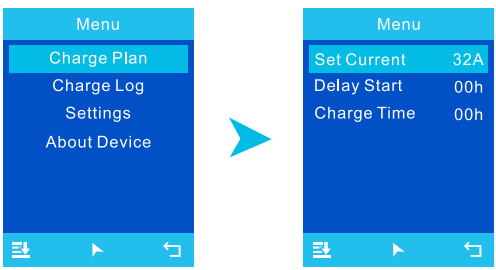
Leakage self check



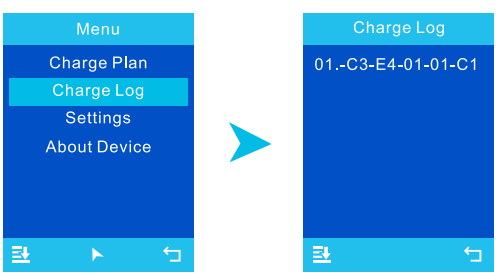
Relay self check

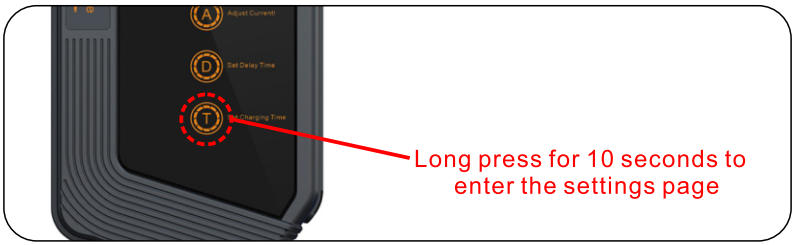


Menu - Charge plan



Menu - Charge Log

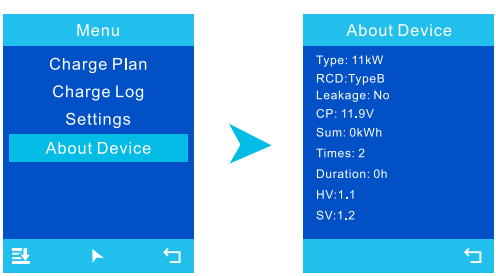




Menu - Settings



Menu - About Device



01 Adjust current

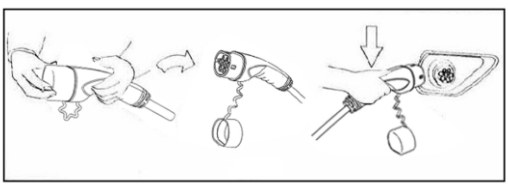
Tap button "A" to adjust the current before charging

The charging current set shouldn't be higher than the supply current, otherwise there may be a safety hazard.



02 Plug in the charging connector

Connect the charging plug to the EV (Start Charging)



END CHARGING

PLAN A

The charger will automatically stop charging when the car is fully charged,and it can be directly unplugged then.

PLAN B

Turn off the power switch to end charging
(then unplug the charger)

Do not unplug during charging

PLAN C

Stop charging from the electric vehicle: Usually there is a stop charging button or switch in the car, touch or press to stop charging. Then unplug the charger plug.

PLAN D

Click "Stop charging" on the app, and then pull out the charger plug.

7kW/9.6kW/12kW Control Box

hardware component		
Key type	Trigger event	Delay Time
Adjusting buttons	Click to adjust	0. 1s

Software part			
Status type	Set value	Action status	Delay Time
Charging control	Detection point 1 voltage value: 6±0.8V	The relay closes and enters the charging state	0. 1s
	Detection point 1 voltage value: 9 ± 0.8V	Charge completed, relay disconnected	0. 1s
	Detection point 1 voltage value: 12 ± 0.8V	Socket not connected, relay disconnected	0. 1s
	Detection point 1 voltage value: others	Communication failure, relay disconnected	0. 1s
Overvoltage and undervoltage	Line voltage ≥ 264V	The relay is disconnected, and the relay is closed when it drops to 254V, infinite cycle	
	Line voltage ≤ 85V	The relay is disconnected, and when it rises to 95V, the relay is closed, infinite cycle	
	Line voltage within 85~264V	The relay is closed and enters the charging state	1s
Overcurrent-protection-ie=8,10,13, 16,20,25,32, 40,50A	The user sets charging current IE and line current I.when ie+8>i>ie+4, it lasts for 5S	The relay is disconnected, and it will automatically recover after 10s. If it still has overcurrent after 3 cycles, it will be permanently disconnected	5s
	The user sets charging current IE and line current I. when i>ie+8, it lasts for 1s	Relay permanently disconnected	1s
The leakage	Leakage is greater than the following values: TypeA:(60Hz)AC20mA/ (50Hz)AC30mA TypeB: AC 30mA+DC 6mA	The relay is disconnected and recovers automatically after 5min	1s
	The line has no leakage	The relay closes and enters the charging state	0. 1s
Electricity self-inspection	Self-checking normal	The relay closes and enters the charging state	1s
	Self-checking failure	Relay cut off	0. 1s

45.755 mm

11kW/22kW Control Box

hardware component		
Key type	Trigger event	Delay Time
Adjusting buttons	Click to adjust	0. 1s

Software part			
Status type	Set value	Action status	Delay Time
Charging control	Detection point 1 voltage value: 6±0.8V	The relay closes and enters the charging state	0. 1s
	Detection point 1 voltage value: 9 ± 0.8V	Charge completed, relay disconnected	0. 1s
	Detection point 1 voltage value: 12 ± 0.8V	Socket not connected, relay disconnected	0. 1s
	Detection point 1 voltage value: others	Communication failure, relay disconnected	0. 1s
Overvoltage and undervoltage	L1 Line voltage > 264V	The relay is disconnected, and the relay is closed when it drops to 254V, infinite cycle	
	L1 Line voltage ≤ 85V	The relay is disconnected, and when it rises to 95V, the relay is closed, infinite cycle	
	L1 Line voltage within 85~264V	The relay is closed and enters the charging state	1s
Overcurrent-protection-ie=8,10,13, 16,20,25,32A	The user sets charging current IE and line current I.when ie+8>i>ie+4, it lasts for 5S	The relay is disconnected, and it will automatically recover after 10s. If it still has overcurrent after 3 cycles, it will be permanently disconnected	5s
	The user sets charging current IE and line current I. when i>ie+8, it lasts for 1s	Relay permanently disconnected	1s
The leakage	Leakage is greater than the following values: TypeA:(60Hz)AC20mA/ (50Hz)AC30mA TypeB: AC 30mA+DC 6mA	The relay is disconnected and recovers automatically after 5min	1s
	The line has no leakage	The relay closes and enters the charging state	0. 1s
Electricity self-inspection	Self-checking normal	The relay closes and enters the charging state	1s
	Self-checking failure	Relay cut off	0. 1s

Fault name	Reason for failure	Recommendations
Over Voltage	AC input voltage is too high	1. Ask an electrician measure the input voltage of the charger's power distribution box
		2. If the actual voltage is over 264V for a short time, wait for the power system to restore itself to the normal voltage range.
		3. If the actual voltage is over 264V for a long time, please contact the local power supply department
		4. If the actual voltage of the electrical system in your home is less than 264V, please contact us;
Under Voltage	AC input voltage is too low	1. Ask an electrician measure the input voltage of the charger's power distribution box
		2. If the actual voltage is less than 85V for a short time, wait for the power system to restore itself to the normal voltage range.
		3. If the actual voltage is less than 85V for a long time, please contact the local power supply department
		4. If the actual voltage of the electrical system in your home is over 85V, please contact us;
Over Current	AC input current is too high	1.Cut off the power of the charger's power distribution box right away
		2.Check the charging plug for foreign objects and the car's on-board charger for abnormalities
		3.After troubleshooting the above problems, reconnect the power supply, if the fault still exists, please contact us
Over TEMP	Charger internal temperature greater than 85°C	1.Check that there is no other heat generating equipment or devices next to the charging station and make sure that the ambient temperature is below 50°C.
		2.If the problem cannot be solved, please contact us
Elec leakage	Leakage is greater than the following values: TypeA:(60Hz)AC20mA/ (50Hz)AC30mA TypeB: AC 30mA+DC 6mA	1.Cut off the power of the charger's power distribution box right away
		2.Check the charging plug for foreign objects and check the car for electrical leakage
		3. After troubleshooting the above problems, Reset leakage protector, reconnect the power supply, if the fault still exists, please contact us
Leakage self check	The sensor for detecting leakage is abnormal	1.Cut off the power of the charger's power distribution box right away
		2.Check whether the output cable of the charging station is broken or connected to ground
		3.After troubleshooting the above problems, reconnect the power supply, if the fault still exists, please contact us
PE Fault	Poor grounding or incorrect wiring	1.Cut off the power of the charger's power distribution box right away.
		2.Check if the charging station is grounded properly.
		3.After troubleshooting the above problems, reconnect the power supply, if the fault still exists, please contact us
Err:cp	Charging plug CC/CP connection abnormality	1.Check if the wiring of the charging plug is correct
		2. After troubleshooting the above problems, if the fault still exists, please contact us

How to use the App (the device needs to have Wifi function,and Bluetooth function)

1.Please download the "Smart Life" (recommended) or the "Tuya Smart" APP on your cell phone. The APP icon as shown above.

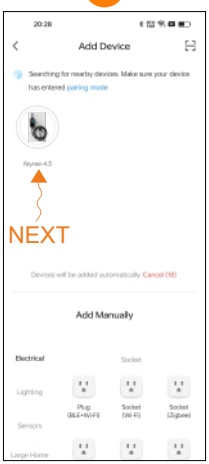
Smart life tuya smart

2. After downloading, open the app, turn on your phone WiFi and Bluetooth, select Add Device, and follow the instructions to complete Add a new device,as shown below:

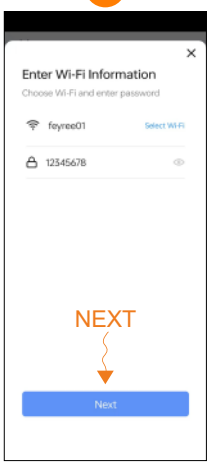
1



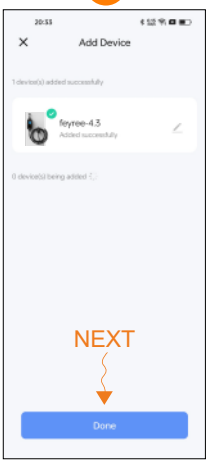
2



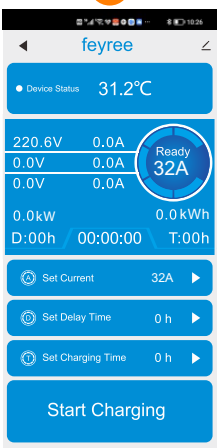
3



4



5



Customer Service Team

E-mail: tina@feyree.com

Warranty

Two-Year Warranty

feyree offers two-year warranty to customers who make purchased original feyree product.

Lifetime Technical Support

In case of any product-related issues, we encourage you to reach out to us, providing pictures and videos for further assistance.

Exclusions

The warranty does not cover:

- Any product damage resulting from failure to follow the recommended guidelines.
- Damage caused by unauthorized disassembly of the machine or seeking maintenance from a non-designated service center.
- Purchased not original feyree products.
- Any modifications or do-it-yourself alterations carried out without guidance from a licensed electrician.

FCC Statement

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; (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 and uses can radiate radio frequency energy, 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.

Note:The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance.such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meetgeneral RF exposure requirement.
To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20cm between the radiator and your body,and fully supported by the operating and installation configurations of the transmitter and its antennas.

APP Download QR Code



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