Lrowak

Portable EV Charger

Model: UC501L

1. Safety cautions

1.1 Disconnect the power supply to the charging station before installing, adjusting, or repairing the EV charging. Failure to do so may result in physical injury or damage to the power supply system and the charging station. Any unauthorized installation or modification may cause accidents.

1.2 Do Not attempt to install the Lrowak EV charger unless you are qualified to do so. If you are not qualified, contact a licensed electrician.

1.3 The EV charger cable must be connected firmly and insulated well. If the cable connection loose or damaged, it may cause circuit failure, even casualties or fire.

1.4 Do not flush the charging connector head with water.

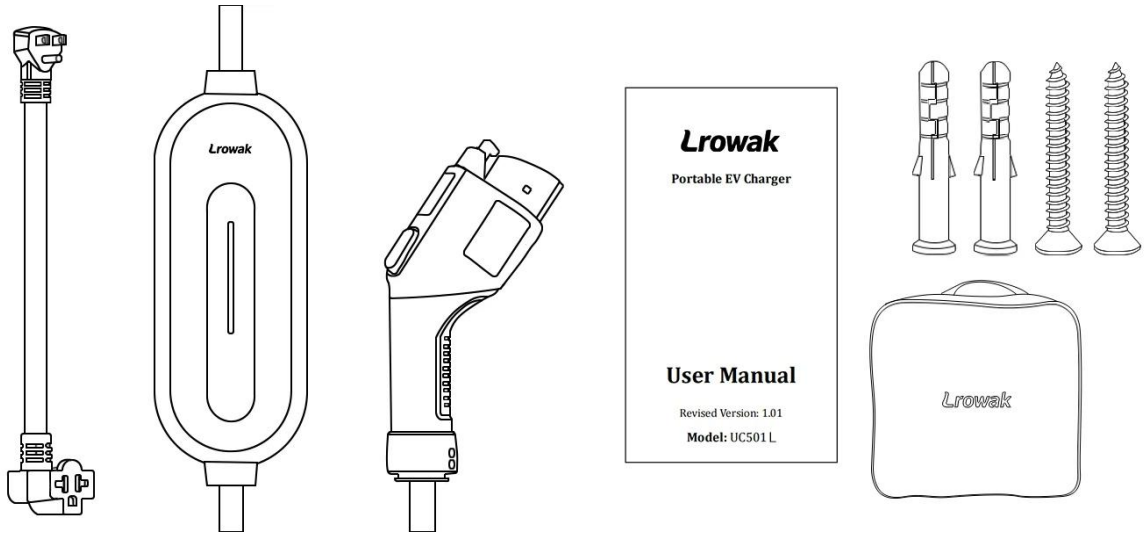
1.5 Any failure related safety must be solved by professional maintenance person.

We are not responsible for any losses caused by failure to comply with above cautions.

2. Technical parameters

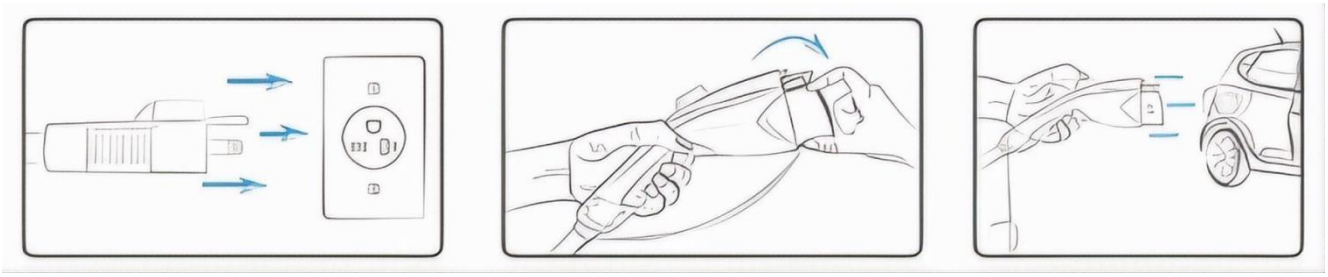
Product Specifications	
Rated voltage	AC 120V/240V
Rated power	Max 3.8kW
Max output current	16A
Cable and connector length	21 feet (6.40m)
Mechanical life	No-load plug in/pull out > 10,000 times
Plug	NEMA 6-20 Plug, 5-15P to 6-20R Adapter
Circuit breaker requirements	20A Circuit Breaker
Shell material	Fireproof PC
Waterproof rating	IP65(NEMA 4)
Operating ambient Temp	-22℉~122 ℉ (-30℃ ~ +50℃)
Storage temperature	-40℉~185 ℉ (-40℃ ~ +85℃)
Ambient humidity	5% ~ 95%/without condensation
Package dimension	13.39”×4.72”×13.39”
Standard	SAE J1772

3.Package list



4.Usage instructions

4.1 Start charging

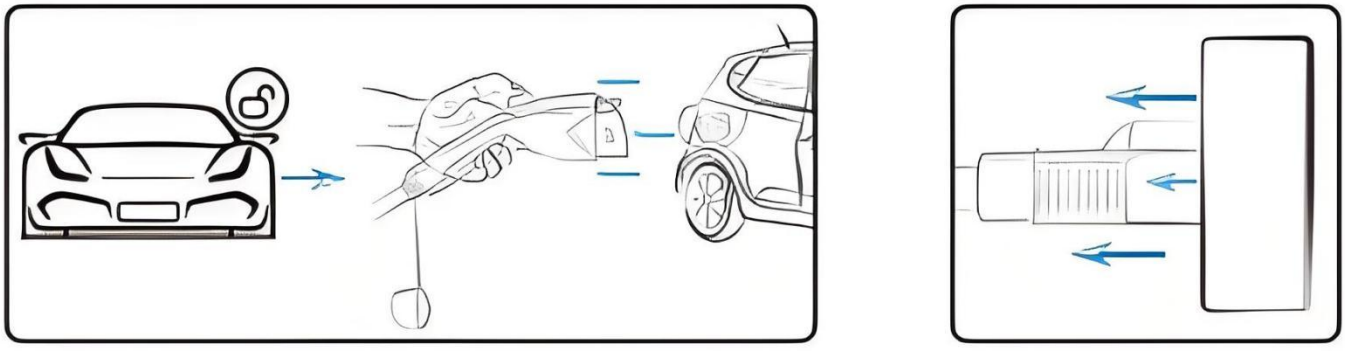


4.1.1. Turn off the vehicle and completely insert the EV charger's plug into the power outlet.

4.1.2. Take off the protective cap.

4.1.3. Plug the charger connector into your vehicle charging port and start charging.

4.2 End charging



4.2.1.Unlock the vehicle and press the button above the handle, then pull the charger connector out of the charge port.

4.2.2. Disconnect the charger's plug from the power outlet.

4.2.3. Put on the protective cap and then put the charger into the storage bag, and store it in an appropriate location.

5.LED Light Status Description

Color	Status	Description
Green 	Flashing	Charging
	Solid on	Fully Charged
Blue 	Solid on	Vehicle disconnected
	Flashing	Vehicle disconnected (No grounding)
Red 	General Fault	

6.Troubleshooting

Diagnostic	Reason	Solution
EV charger LED indicator off	power supply is not connected	Check whether the power inlet is energized, the power switch is on.
Unable to start charging	The charging connector is not completely connected	Check whether the charging connector is securely connected to the vehicle, and the connector has been plugged into the bottom.
Charging current lower than rated value	Vehicle close to fully charged	1.The charging current decrease when it will be in a trickle charging state nearly fully charged. 2.Check the vehicle control panel to see if the current at the vehicle end has been limited or mistakenly set to low current. 3. If not the above situation, please contact customer service for help.
Equipment red indicator light on	Major failure	1. Short circuit: Check whether L1/N is in short circuit. After removing the short circuit doubts, insert the charging connector and reset it. 2. Leakage: Check whether L1/N is well insulated to the ground. 3.Grounding: Check whether the PE cable is grounded.
	Leakage Over voltage Over current	1.Check whether the charger is broken or damaged. 2.Re-plug the charger. 3.Try a different outlet. If the error persists, please contact our support service.

7. After-sales service

Our product comes with a 12 months warranty from the day of purchase.

During the guarantee period, we provide customers with free service due to product quality problem itself.

The following non-warranty terms happen, our service will be charged: Product failure due to incorrect operation method.

7.1 Product failure due to incorrect operation method.

7.2 Product failure or damage due to placed in poor circumstance, improper storage or natural disaster.

7.3 Products were overhauled or append the component by unauthorized person (include user).

7.4 The appearance of product occurred obvious deformations or damage.

7.5 We could accept the product exchange under the surface is clean and unbroken without any damage.

7.6 Product failure or damage under the irresistible flood, fire, lightning stroke or earthquake. The User Manual will be updated periodically, please check our website for the latest version.

Any questions,please contact with service: **airfan1989@outlook.com** thanks.

Scan the QR code above to get the free installation consultatior and download the operating instructions!

Facebook:https://www.facebook.com/wenhui.cao.376/

User manual

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User Video Guide