



USER MANUAL

J1772 | 15A | LEVEL 1 PORTABLE EV CHARGER

15 AMP | NEMA 5-15
COMPATIBLE WITH ALL J1772 EVS



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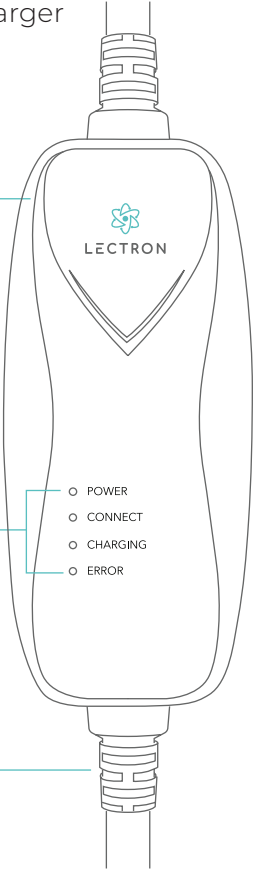
WHAT'S INCLUDED

15 Amp Portable EV Charger

15 Amp Portable EV Charger

LED Status Light

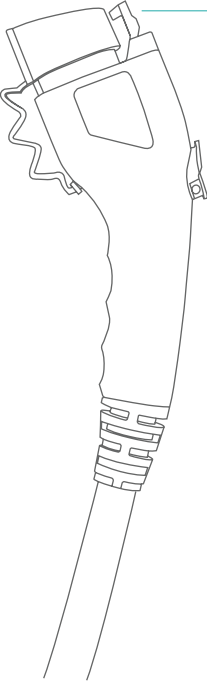
Cable (16 ft)



- POWER
- CONNECT
- CHARGING
- ERROR

Charging Handle (J1772)

Release Button

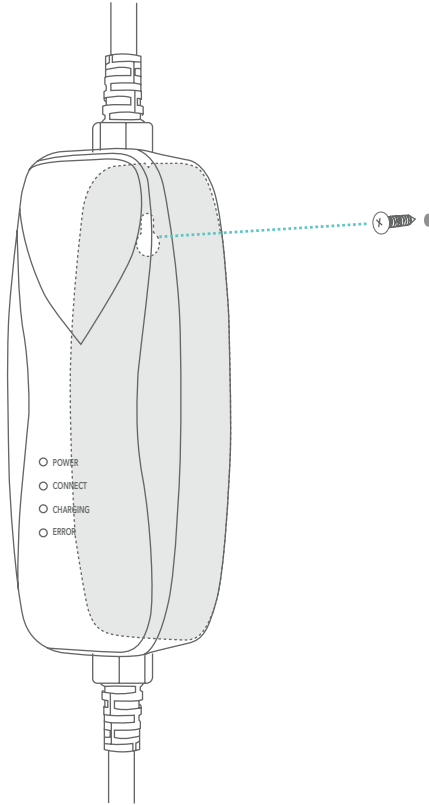


Compatibility	
	
NEMA 5-15 (120 V)	J1772 Plug

SAFETY INSTRUCTIONS

- It is highly recommended that the installation of electrical outlets for the charging station be conducted by a licensed and qualified electrician, adhering to the National Electric Code (NEC) and relevant local codes. Local codes take precedence in case of conflicts.
 - Proper grounding is essential. The grounding conductor and plug provided with the product should be connected to a correctly installed and grounded outlet, reducing the risk of electric shock.
 - Do not drop the charging station or handle.
 - Do not attempt cable repair. Contact customer support at contact@ev-lectron.com for assistance.
- Follow these precautions when using the charging station:
 - Do not use with an extension cord or any AC adapter.
 - Ensure the plug is fully inserted into the wall outlet to prevent exposed prong surfaces.
 - Supervise children when the station is plugged in.
 - Connect only to a circuit with 50 amps maximum branch circuit overcurrent protection to reduce fire risk.

HOW TO INSTALL



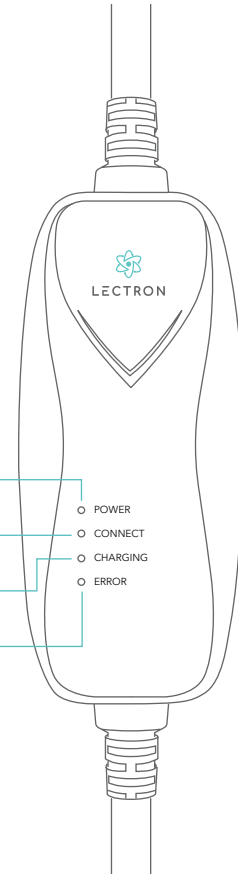
LED INDICATORS

Power Status

Charger-Connection Status

Charging Status

Error Indicator



LED DISPLAY SETTINGS

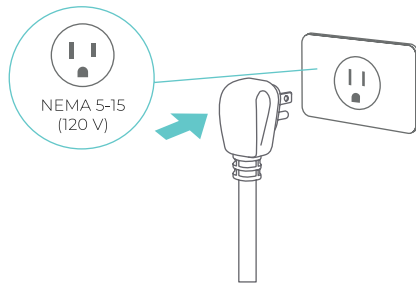
Function Status	LED Status			
	Power (red)	Connect (blue)	Charging (green)	Error (yellow)
LED Displays	On -  Flashing -  Off - 			
Turn On and Power On				
Has Power, not Connected				
Connected, not Charging				
Charging				
Charging Complete				
Communication Error				
Over-Voltage Protection				

Function Status	LED Status			
	Power (red)	Connect (blue)	Charging (green)	Error (yellow)
LED Displays	On -  Flashing -  Off - 			
Under-Voltage Protection				
Over-Current Protection				
Leakage Protection				
High-Temperature Protection				
Relay Adhesion				
Ground Fault				

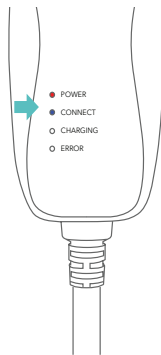
CHARGING YOUR VEHICLE

NOTE: Ensure your car is parked and the engine is turned OFF.

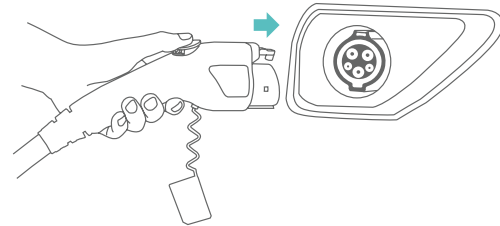
1. Insert the charger into an appropriate wall outlet.



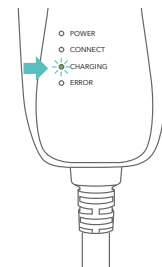
2. The Power lights will light up and stay solid, which means the charger is receiving AC power and is ready for use.



3. Plug the charging handle into your vehicle's charging outlet until it clicks. The connected lights will light up once latched, the charging handle will not disengage until you press the release button.

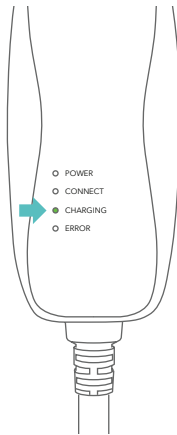


4. Charging begins automatically. Power will be delivered in accordance to the demand of your vehicle. While charging, the Charging Indicator will continuously blink. Always verify your vehicle-charging status by checking the vehicle panel.

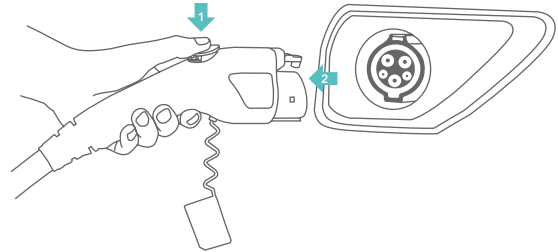


CHARGING YOUR VEHICLE

5. When your vehicle is fully charged, the Charging Indicator light will stay solid. Your vehicle has a “dashboard gauge”, which also shows if your vehicle is fully charged. Refer to your vehicle user manual to find the location of the gauge on the dashboard.



6. Disconnect the charger when the charge is completed by pressing the release button on the charging handle and separating it from your vehicle.



NOTE: The charger requires a 120 VAC split phase. It draws a maximum of 15 Amps of continuous current.

TROUBLESHOOTING

Please refer to this troubleshooting guide to fix common charging errors or while using the portable charger.

Problem	Possible Cause	Solution
Charging Indicator does not illuminate	No power to the charger.	1. Check the circuit breaker and other circuit loads.
		2. Try another wall outlet.
		3. Ensure that the charger module (and adapter if operating in 240 V AC mode) is fully inserted into the wall outlet.
		Contact Lectron Customer Support at contact@ev-lectron.com for assistance.
Vehicle will not charge	Charging handle is not properly inserted into the vehicle.	1. Inspect the charging handle.
		2. Remove the charging handle from the vehicle, then reinsert it into the vehicle outlet until it clicks.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle will not charge	Vehicle cannot accept any charge.	Verify that the vehicle charge timer is set to permit charging. Refer to the vehicle user manual for charge timer instructions.
	Communication error between the charger and vehicle.	Contact Lectron Customer Support at contact@ev-lectron.com for assistance.
	Above the temperature limit. Cases: 1. Temperature is too high. The charger will restart charging when it cools down. 2. House/socket wiring may be faulty.	1. Inspect the charger module for overheating: a. Carefully unplug the charger module from the wall outlet and allow it to cool. b. If the problem continues, contact Lectron Customer Support at contact@ev-lectron.com for assistance. 2. Disconnect the charger from the wall outlet. 3. Have a qualified electrician inspect the wall outlet and adapter.
Error Indicator is blinking rapidly	Utility fault.	1. Disconnect the charger module from the wall outlet and reconnect it. 2. If the problem continues, have a qualified electrician inspect the ground circuit of the wall outlet.

SPECIFICATIONS

Rated current:	15 Amp
Input/output:	120 V AC
Frequency:	60 Hz
Cable length:	16 ft (5 m)
Plug:	NEMA 5-15
EV charging handle:	SAE J1772
Dimensions:	8.1 x 3.2 x 1.6 in (208 x 82 x 42.3 mm)
Weight:	5.3 lbs (2.4 kg)
Operating temperature:	-22 °F to +122 °F (-30 °C to +50 °C)
Material:	PC
Control-box water resistance:	IP65
Charging handle water resistance:	Type 4
Reference standard:	UL2594, UL2251, SAE J1772, UL2231



GET MORE SUPPORT

Need assistance? Scan the QR code below or email us at contact@ev-lectron.com



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