

SC1455 EV Charger

OWNERS MANUAL

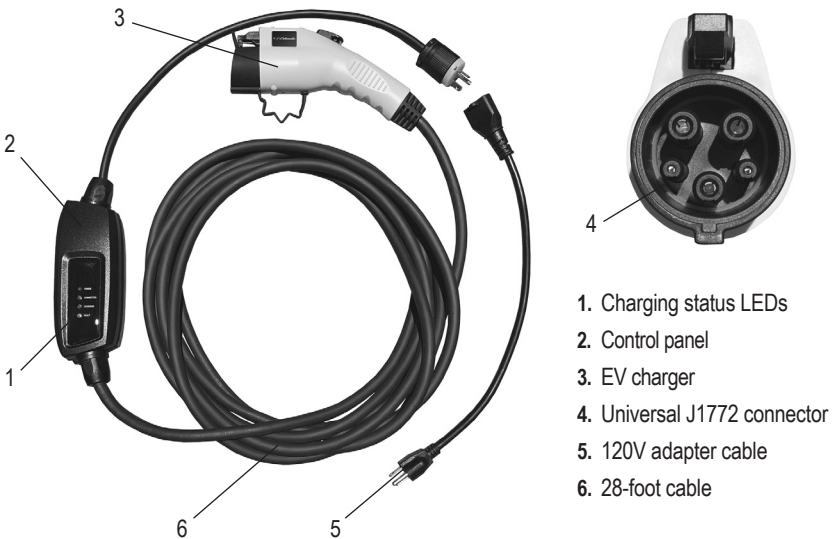


READ THE ENTIRE MANUAL BEFORE USING THIS PRODUCT.
FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY.

1. IMPORTANT SAFETY INSTRUCTIONS – SAVE THESE INSTRUCTIONS

- 1.1 **SAVE THESE INSTRUCTIONS** – This manual contains important safety and operating instructions.
- 1.2 Keep out of reach of children.
- 1.3 Do not expose the charger to rain or snow.
- 1.4 Be sure the area around the vehicle is well ventilated while it is being charged.
WARNING: RISK OF ELECTRIC SHOCK.
- 1.5 The charger plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances. The plug pins must fit the receptacle (outlet). Do not use with an ungrounded system.
- 1.6 **DANGER:** Never alter the AC cord or plug provided – if it does not fit the outlet, have a proper grounded outlet installed by a qualified electrician. An improper connection can result in a risk of an electric shock or electrocution.
- 1.7 Do not use with an extension cord.
- 1.8 Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way; take it to a qualified service person.
- 1.9 Do not disassemble charger; take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- 1.10 Use the charger only for charging compatible EV vehicles.

2. FEATURES



1. Charging status LEDs
2. Control panel
3. EV charger
4. Universal J1772 connector
5. 120V adapter cable
6. 28-foot cable

3. OPERATING INSTRUCTIONS

1. Connect the power plug to the AC power outlet.
 - Level 2 charging: connect to a 240V AC outlet.
 - Level 1 charging: use included 120V adapter cable, and connect to a 120V AC outlet.
2. Check Power LED.
3. Connect the SAE J1772 plug to your electric vehicle.
4. Check LEDs for charging status. See table below.
5. When charging is complete, disconnect the SAE J1772 plug from the vehicle, and then unplug the cable from the power outlet.
6. Store indoors when not in use.

LED INDICATORS

- POWER (red)
- CONNECTION (green)
- CHARGING (blue)
- FAULT (yellow)

LED BEHAVIOR

POWER (RED)	CONNECTION (GREEN)	CHARGING (BLUE)	FAULT (YELLOW)	CONDITION
● SOLID	○ OFF	○ OFF	○ OFF	Receiving power, but not connected
● SOLID	● SOLID	○ OFF	○ OFF	Connected, but not charging
● SOLID	● SOLID	● BLINKING	○ OFF	Charging
● SOLID	● SOLID	● SOLID	○ OFF	Charging completed
● SOLID	● SOLID	○ OFF	● SOLID	Communication fault
● SOLID	● BLINKING	● BLINKING	○ OFF	Overload protection
● SOLID	● SOLID	● BLINKING	● SOLID	Abnormal current
● SOLID	● BLINKING	● BLINKING	● SOLID	Leakage protection
● SOLID	○ OFF	○ OFF	● BLINKING	Overvoltage or undervoltage protection
● SOLID	● SOLID	● SOLID	● SOLID	Protection against unit overheating

4. SPECIFICATIONS

Input/Output	110-240V AC 16A 50/60Hz
Output power	3.8Kw
Charger cord length	8.5m
Operating temperature	-22° to 122°F
Ingress protection	IP55