

# EV SERIES

## Rugged and reliable, high powered charging.



**EV SERIES**

**Tough and reliable for public or home charging.** Sun Country Highway's EV Series Electric Vehicle Charging Stations provide high quality and high power at a low price. The charger's tough NEMA 4 enclosure is designed to take the wear-and-tear of everyday use in all environments, indoors or out. Built and tested to auto-maker standards, the EV Series ensures a reliable charge, every time.

- Powerful - Up to 15.4kW of charging power
- Easy to install – your electrician can install anywhere. Indoors or out!
- Technology that works - for the life of your electric vehicle, and then some
- Reclosure – if your car can be charged, it will be charged, guaranteed
- 25 feet of charging cable - comes standard
- Rugged - fully sealed NEMA 4 enclosure to handle any weather conditions



**SUN COUNTRY**  
HIGHWAY

BRINGING SUSTAINABILITY TO LIFE

[suncountryhighway.ca](http://suncountryhighway.ca)



### ELECTRICAL SPECIFICATIONS

- Service - 208V to 240V - 30A to 80A, single phase, 2 wire w/ground
- Output Power - 208V to 240V-24A to 64A continuous (5.8kW to 15.4kW)
- Service Ground Monitor - Constantly checks for presence of proper safety ground
- Automatic Circuit Reclosure - After minor power faults
- Charge Circuit Interruption Device - Ground fault protection with fully automated self-test, eliminates manual user testing

### PRODUCT SPECS

- Indoor/Outdoor rated fully sealed (NEMA 4) enclosure
- Operating Temperatures: -22°F to 122°F (-30°C to 50°C)
- 9"Wx19.7"Hx5.3"D(229mm W x 493mm H x 135mm D)
- Installation: Hardwire or plug-in
- 25 feet charging cable - standard
- 3-year warranty (5-year with Ruggedized model)
- Wall mount holster included

### CODES, STANDARDS AND RECOMMENDED PRACTICES

- UL 2594** Charging Station Supply Equipment  
**UL 2231** Personal Protection Device (i.e. CCID Hardware)  
**UL 1998** Standard for Safety Related Software  
**NEC 625** Electric Vehicle Charge System  
**SAE-J1772™** Electric Vehicle Conductive Charge Coupler

### CHARGING OPTIONS AND ACCESSORIES

- Share2 - split charging power between two vehicles.
- ChargeGuard - key-based access control.
- Pedestal Mount - mount your Electric Vehicle Charging Station anywhere with a dual or single mount pedestal.
- Pedestal with Retractor - improve safety and protect cords with the pedestal and retractor. Available in single or dual mount.
- Retractor - Protect cords and prevent trips and falls with a cord managing retractor.



Model	EV30	EV40*	EV40P*	EV50	EV50P	EV60*	EV80*
Circuit Breaker	30A	40A	50A	50A	50A	60A	80A
Continuous	24A	32A	32A	40A	40A	48A	64A
kW	5.8	7.7	7.7	9.6	9.6	11.5	15.4
Warranty	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year
Installation	Hardwired	Hardwired	Plug-In NEMA 14-50	Hardwired	Plug-In NEMA 14-50	Hardwired	Hardwired

\*Available as Ruggedized 'R' Models - with a rubber over-molded connector, crush-resistant SAE-J1772 connector and 5-year warranty.

