

Specifications

General specifications	
Input voltage	UL1/N = 120 V, UL2/N = 120 V, UL1/L2 = 208 V, 60 Hz (three-phase system) or UL1/N = 120 V, UL2/N = 120 V, UL1/L2 = 240 V, 60 Hz (single-phase system), ±10 % voltage fluctuations from nominal 2
EV connector (EVC-13)	SAE J1772 socket, 16 A (type 1, 5P single-phase)
Internal power consumption	2 W max.
Operating temperature	-4 °F to 104 °F (-20 °C to 40 °C)
Storage temperature	-4 °F to 122 °F (-20 °C to 50 °C)
Operating humidity range	10 % to 85 % relative humidity non-condensing
Storage relative humidity	0 % to 85 % non-condensing
Operating altitude	6561 ft (2000 m) max.
Dimensions (H × W × D)	Approx. 8.66 x 4.33 x 1.77 in (220 x 110 × 45 mm) without cable assembly
Weight	Approx. 4.4 lb (2 kg)
Safety standards	IEC 61010-1, Pollution Degree 2 IEC 61010-2-030
Measurement category	CAT II 250 V
IP protection class	IP54
Electromagnetic Compatibility (EMC)	
International	IEC 61326-1: Basic Electromagnetic Environment CISPR 11: Group 1, Class A Group 1: Equipment has intentionally generated and/or uses conductively-coupled radio frequency energy that is necessary for the internal function of the equipment itself. Class A: Equipment is suitable for use in all establishments other than domestic and those directly connected to a low-voltage power supply network that supplies buildings used for domestic purposes. There may be potential difficulties in ensuring electromagnetic compatibility in other environments due to conducted and radiated disturbances. Caution: This equipment is not intended for use in residential environments and may not provide adequate protection to radio reception in such environments.
USA (FCC)	47 CFR 15 subpart B. This product is considered an exempt device per clause 15.103.
Functions	
CP States	A, B, C, D
CP Error "E"	On/off
PE Error	On/off
GFCI Test	Yes, test resistor of 2 kΩ connected between L1 and PE, time limitation 40 ms
PE Pre-Test (typical)	Visible indication >30 V on PE conductor
Outputs (for test purpose only)	
Measuring terminals L1, L2/N, PE	Max. 250 V 50/60 Hz, CAT II 250 V
CP signal output terminals	Approx. ±12 V (under normal conditions), in case of wrong wiring or error of the charging station these terminals can be hazardous ≥ max. 250 V against PE