ChargeSmart EV
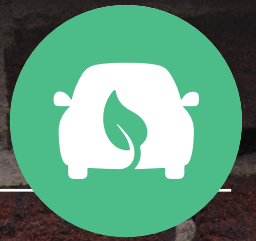
COMMERCIAL LEVEL 2 SERIES

80A

The 80A charging station is the most powerful Level 2 EV charger in the ChargeSmart EV line-up.

TO BEGIN A CHARGING SESSION:

USING MOBILE APP:
(Download the "ChargeSmartEV" App)

Google Play · App Store

1. Plug in connector
2. Login to the ChargeSmartEV app and scan QR code
3. Click "Start Charging"

USING RFID CARD

1. Plug in connector
2. Tap your ChargeSmartEV RFID card on the RFID reader

Tap RFID Card Here or Scan QR Code Below

QR CODE HERE

STATION ID:
CS-US-AC-XXXX

For support, please call
(855) 699-9191

AVAILABLE

ChargeSmart EV

⊙ Charge Smart EV

CABLE RETRACTOR

- **Optional** cable retractor extends the life of the cables by elevating them off the ground, while also creating a safe environment by reducing tripping hazards

LEVEL 2 CHARGING STATION

- **Outdoor rated** with multiple mounting configurations

- **Largest & fastest Level 2** AC charging station on the market today

- **Adjustable** Max 80A / 19.2kW output allows for the ideal power to match your supply panel, electric vehicle, and driving range

- **3-Year Standard Parts Warranty** (3-Year or 5-Year Parts & Labor Warranty Optional)

MULTIPLE MODELS

- **Open Access Control** Non-networked common for residential and fleet use

- **RFID Access Control** Non-networked model with RFID-card access control

- **Ethernet**

- **Cellular**

- **Networked** When connected to a backend software plan, it unlocks features such as point of sale payment, usage data reporting, driver notifications, remote diagnostics, and more
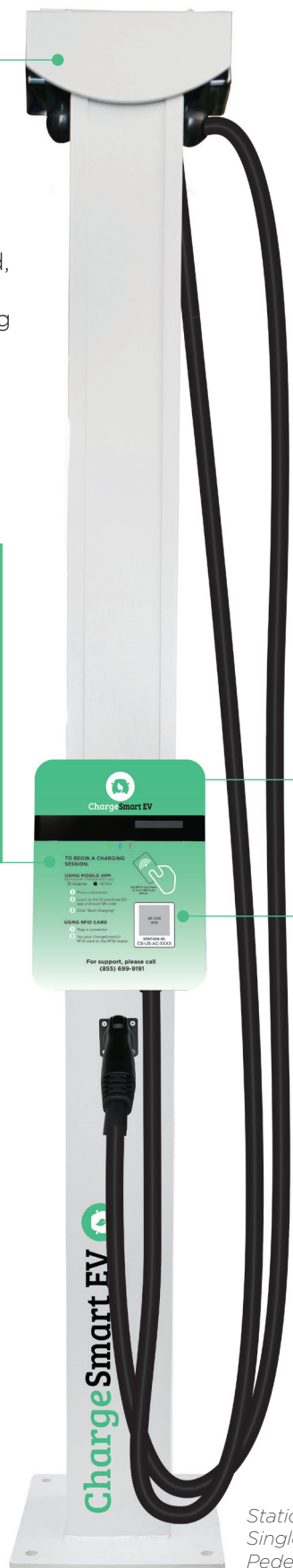
MOUNT CONFIGURATIONS
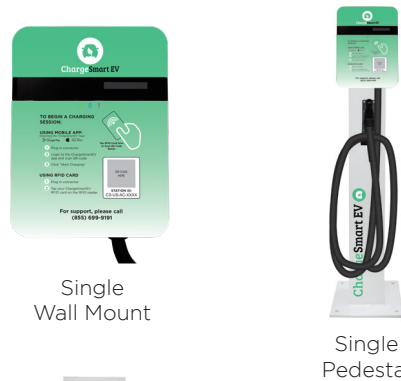
Single Wall Mount

Single Pedestal

UL-Listed meets safety criteria for use in North America
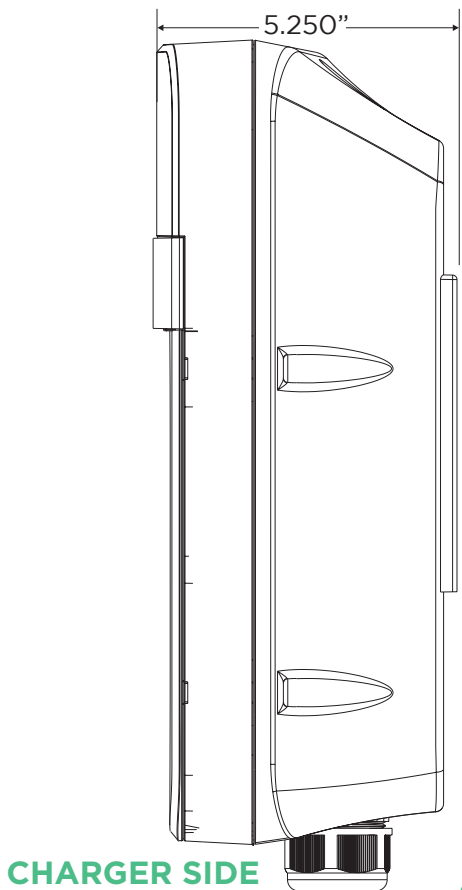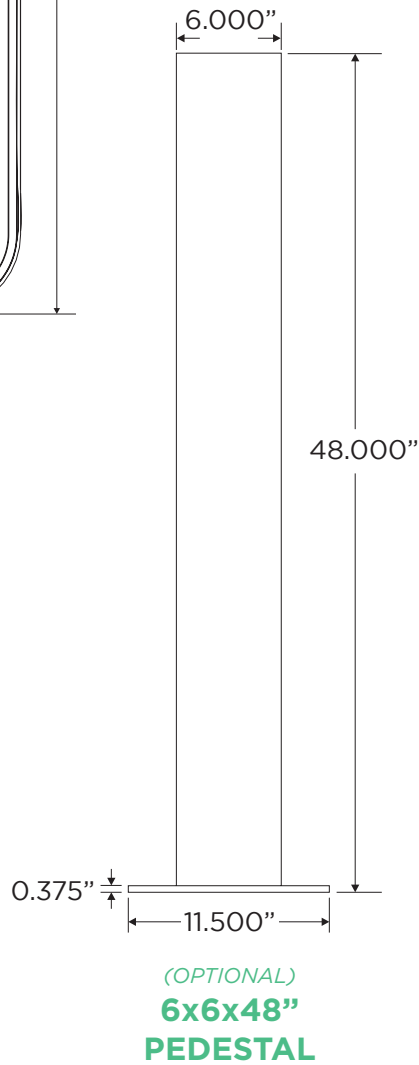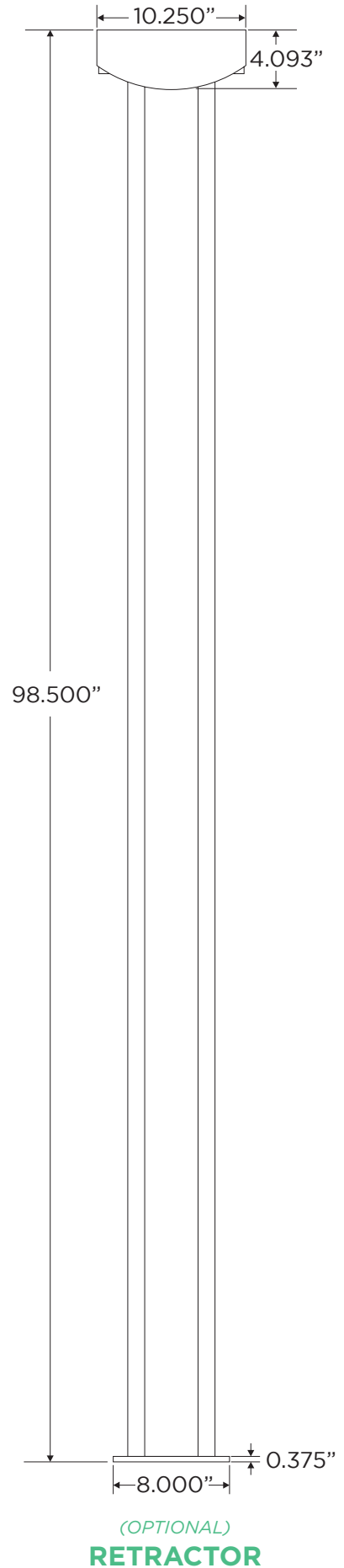
Meets standards for Americans with Disabilities Act

Station Shown: Single Retractor Pedestal Mount

Dual Retractor Pedestal

Dual Pedestal

⊙ Charge Smart EV

COMMERCIAL ENERGY SERIES: 80A
DIMENSIONS

10.500"

1.625"

14.000"

9.000"

CHARGER FRONT

5.250"

CHARGER SIDE

6.000"

98.500"

48.000"

10.250"

4.093"

0.375"

11.500"

(OPTIONAL)
**6x6x48"
PEDESTAL**

0.375"

8.000"

(OPTIONAL)
RETRACTOR
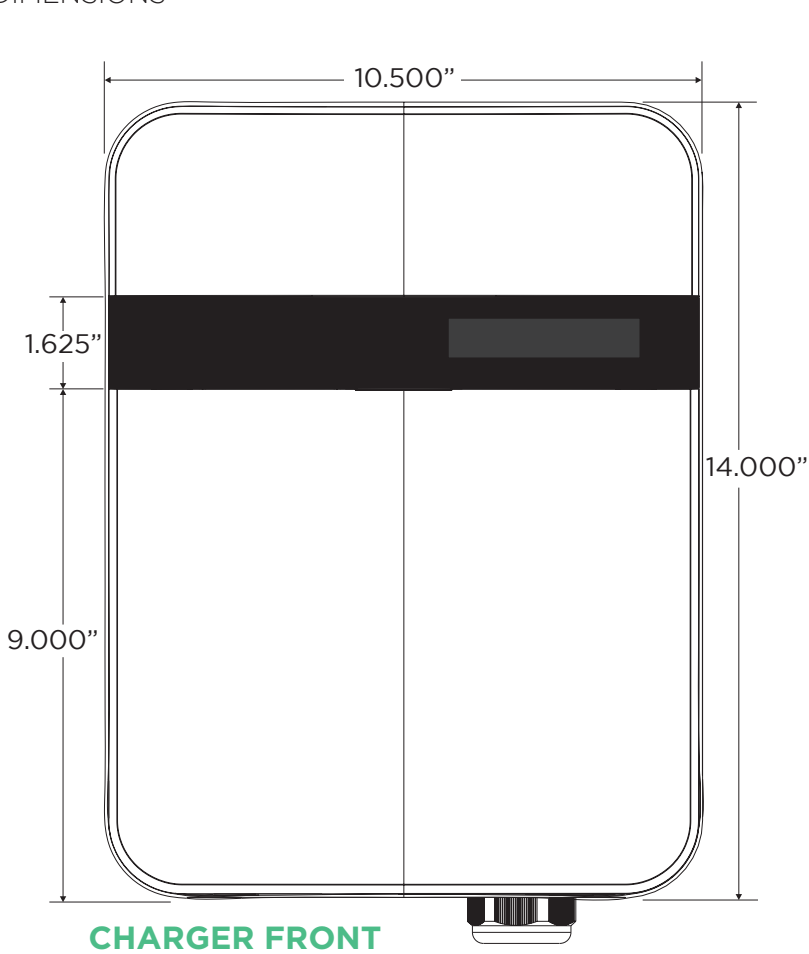
CONFIGURATION	OPEN-ACCESS	RFID ACCESS / WI-FI	NETWORKED
APPLICATION		COMMERCIAL	
VOLTAGE (VAC)		208/240VAC, Single Phase	
FREQUENCY (Hz)		50Hz / 60Hz	
CURRENT (RMS)		Adjustable Max 80A / 19.2kW	
CIRCUIT BREAKER		80A = 100A	
CHARGING CONNECTOR		SAE J1772 Type 1	
CHARGING CABLE LENGTH		25 ft. (18 ft. optional)	
CHARGING CABLE		UL E345899 EVE 2/C 5 AWG (16.8mm²) 1/C 6AWG (13.3mm²) 1/C 16AWG (1.31mm²) 105°C Water Resistant 60°C 600V	
METERING ACCURACY		Embedded ±1% (internal)	
REAL-TIME CLOCK	N/A	Yes	
WI-FI	N/A	802.11 b/g/n	
CELLULAR		N/A	LTE Cat.M1/Cat.NBIoT
RFID	N/A	ISO 14443 A/B ISO 152693 NFC	
DISPLAY	N/A	116(L)*8.5(W)*37(H)mm 5.57mm CHARACTER HEIGHT 5*8 DOT MATRIX OLED 20x2	
DATA PROTOCOL	N/A	OCPP 1.6	
OPERATION TEMPERATURE		-35°C to 55°C / -13°F to 131°F (55°C / 131°F current derating limit maximum 60A)	
STORAGE TEMPERATURE		-40°C to 80°C / -40°F to 176°F	
MOUNTING TYPE		Wall Mount / Pedestal Mount (optional)	
WIRING TYPE		Hardwired	
IP PERFORMANCE		NEMA 3R	
IMPACT RESISTANCE		IK10	
DIMENSION (HxWxD, INCHES)		14 x 10.5 x 5.25	
WEB PORTAL MANAGEMENT	N/A	Yes	
CERTIFICATION		UL 50 / 991 / 1449 / 1998 / 2231 / 2594 FCC Part 15B ISO 15118 (all models)	
SAFETY		cULus Listed	
PEDESTAL CONSTRUCTION		Aluminum, Powder-Coat Finish, Stainless Steel Hardware	
WARRANTY		3-Year Standard Parts Warranty	
EXTENDED WARRANTY		5-Year Parts Warranty, 3-Year or 5-Year Parts+Installation Warranty (Optional)	