



# ChargeSmart EV

## COMMERCIAL MAXICHARGER™ AC ULTRA

80A

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



ChargeSmart EV

# THE FASTEST WAY TO CHARGE 2 VEHICLES AT ONCE

This workhorse is the most powerful dual port AC charger on the market. The system was designed to ensure form meets function, with a footprint for limited space applications. This is an ideal solution for commercial charging sites, with an 8-inch HD screen that offers the ability to generate additional ad revenue.



Deliver Up To 19.2kW



One-Piece Pedestal  
Housing Combination



WiFi Hotspot Sharing



Power Sharing



8-Inch HD Advertising Screen



App, RFID Card, Credit Card,  
Mobile Payment



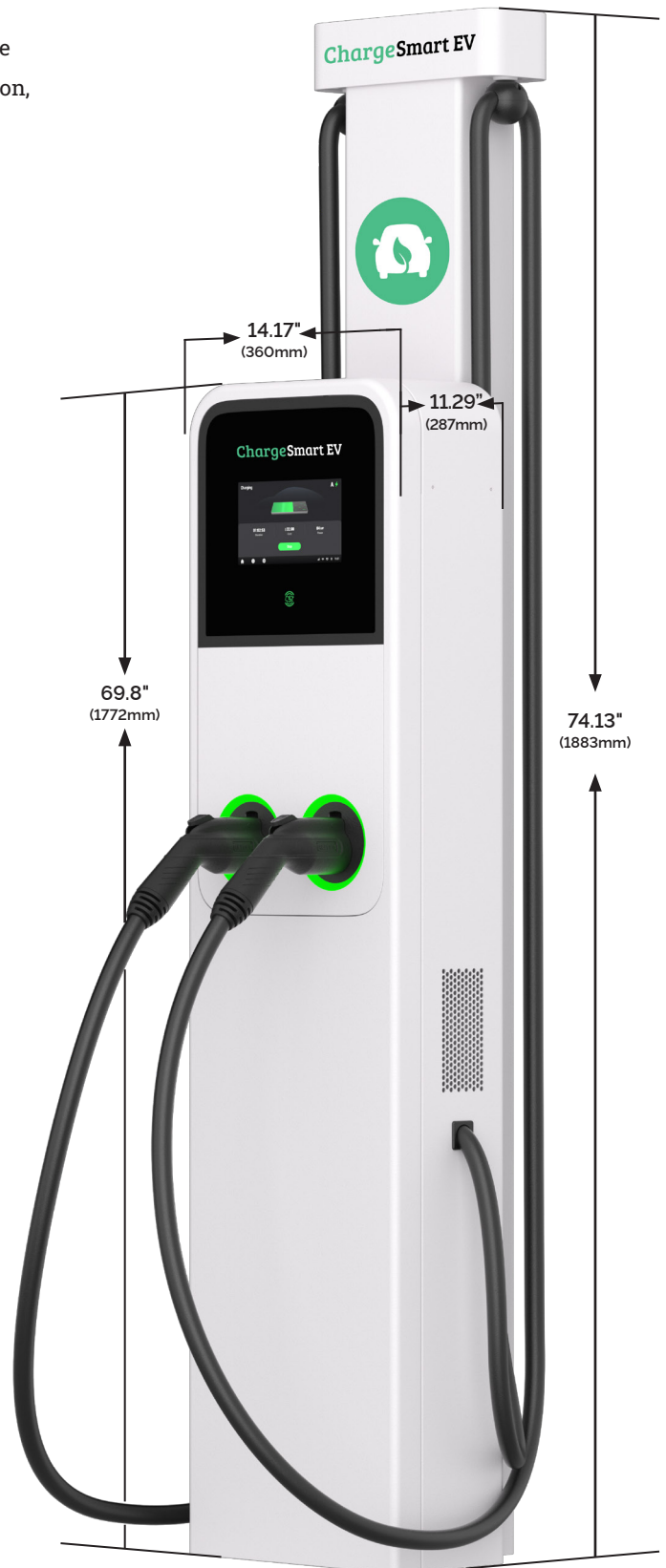
One-Stop Cloud Network  
Management

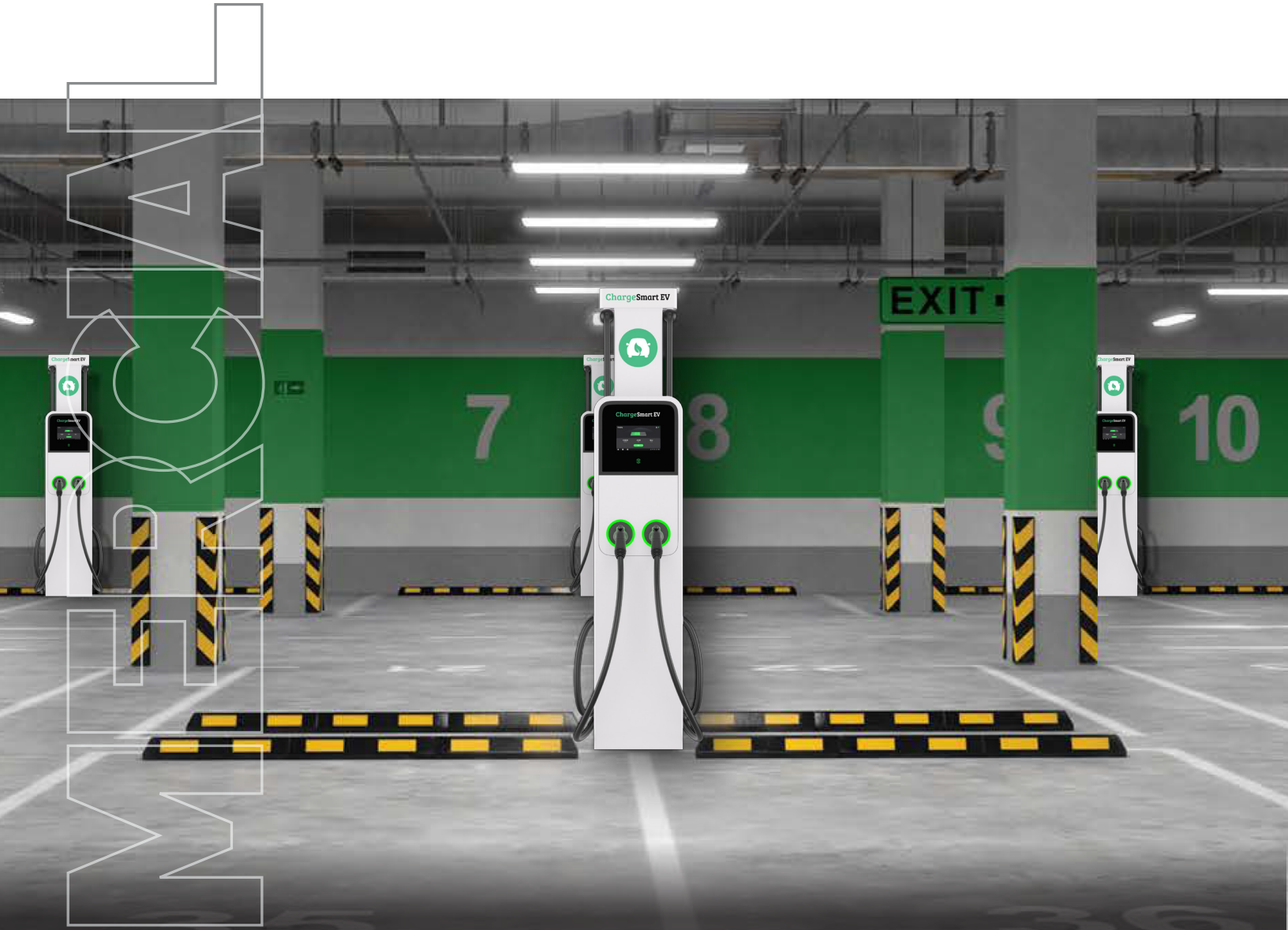


OCPP 1.6 / 2.0.1



Weather Resistant





### SMART SINGLE PORT CHARGING

- At 19.2kw Per Port This Charger Leads The Industry By Fast Charging 2 Vehicles Simultaneously, & Generates 75 Miles Of Range Within 60 Minutes
- Designed With ISO 15118 Plug & Charge, For A Hassle-Free Charging Experience
- Smart Functionality With Ocpp 1.6 & 2.0.1 Compliant, Can Adapt Its Power Usage & Provide Optimal Charging Today & Into The Future

### BEST-VALUE DESIGN

- Rugged Design Allows It To Be Wall-Mounted Or Floor-Mounted To Support Your Application Needs
- One-Piece Construction Makes It Easy To Install Resulting In Lower Costs & Faster ROI
- Reduced Capital Investment In Power Capacity



## PRODUCT INFORMATION

<b>INPUT/OUTPUT POWER RATING &amp; CURRENT</b>	2*19.2kW (240V AC*80A) Output Amperage Adjustable Via Mobile App, From 6A to 80A
<b>INPUT/OUTPUT VOLTAGE</b>	208V±15%; 240V±15%, 60HZ
<b>INPUT WIRING</b>	L1/N+PE, L1/L2/PE
<b>INPUT CORD</b>	Hardwired
<b>CONNECTOR TYPE</b>	SAE J1772, 7.5M (25') or 5M
<b>GROUND FAULT DETECTION</b>	20mA CCID
<b>PROTECTION</b>	Overcurrent, Overvoltage, Undervoltage, Integrated Surge Protection
<b>CARD READER</b>	Optional: ISO 15693, ISO 14443, NFC
<b>POWER MEASUREMENT ACCURACY</b>	+/- 1.0% From 1% To Full Scale

## USER INTERFACE & COMMUNICATION

<b>STATUS INDICATION</b>	LED / APP / LCD (8 inch, 1280x720 Touch Screen)
<b>USER INTERFACE</b>	ChargeSmart EV ("CSEV") App
<b>CONNECTIVITY</b>	Bluetooth, Wi-Fi, Ethernet, 4G, RS485
<b>COMMUNICATIONS PROTOCOLS</b>	OCPP 1.6J (Can Be Upgraded To OCPP 2.0.1 Later)
<b>USER AUTHENTICATION</b>	APP, RFID Card, Credit Cards (Optional)

## GENERAL CHARACTERISTICS

<b>ENCLOSURE RATING</b>	NEMA 3R
<b>OPERATION ALTITUDE</b>	2000M
<b>OPERATING TEMPERATURE</b>	-40°F ~ + 122°F (-40°C ~ + 50°C)
<b>STORAGE TEMPERATURE</b>	-40°F ~ + 185°F (-40°C ~ + 85°C)
<b>MOUNTING</b>	Wall or Floor Using a Pedestal
<b>DIMENSIONS (H X W X D)</b>	Charger Only: 24.60" (625mm) x 12.60" (320mm) x 6.70" (170mm) Charger with Pedestal: 74.13" (1883mm) x 14.17" (360mm) x 11.29" (287mm)

## SOFTWARE UPDATE

<b>COMPLIANCE &amp; SAFETY</b>	OTA Updates Via Web Portal
--------------------------------	----------------------------

## CERTIFICATIONS & STANDARDS

<b>COMPLIANCE &amp; SAFETY</b>	UL 2231-1, UL 2231-2, UL2594, NEC Article 625, CSA C22.2, UL 916
<b>EMC COMPLIANCE</b>	FCC 15 Class B
<b>CERTIFICATION</b>	Energy Star, OpenADR 2.0B, ISO 15118
<b>WARRANTY</b>	36 Months with Warranty (Extensions Available)

