

55" PDG EV TOWER

Designed for your digital signage application



PDGEV55

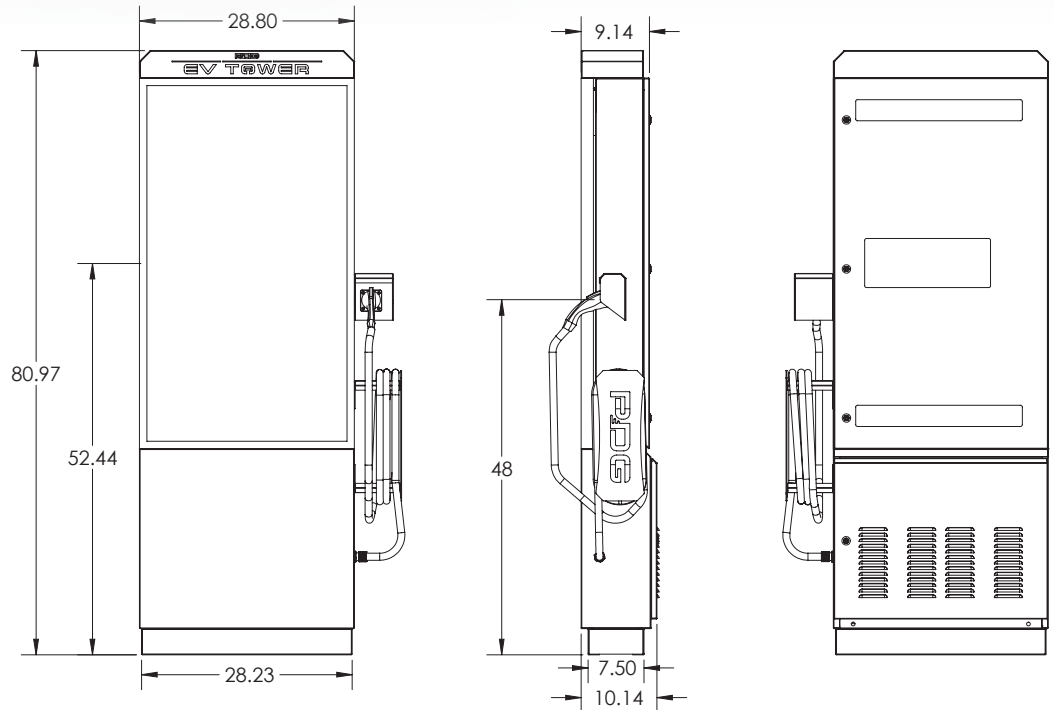
The PDG EVTOWER smart electric car charging kiosk is designed to entice electric car owners to frequent your store locations and to offer convenience to EV vehicle owners.

The EV vehicle market is growing rapidly and the current infrastructure is unable to keep up with the demand. Your business can become part of the infrastructure solution!

Palmer Digital Group's EV car charging kiosk is perfect for:

QSR, Retail, Theaters, Casino's, Grocery Stores, Hotels, Local municipality parking lots and the list goes on and on.

This charger uses a Pro 80a, 19.2kw level 2 AC EV charger. The "smart" integrated technology comes with an App that measures power and voltage as well as the time a car started charging and the end of each charge. Constructed using 14 GA. and 12 GA. high impact steel and supporting the Samsung 55" OHF display you can be assured that you will receive years of service with this high quality EV charging kiosk. This kiosk can be painted any color you desire and can also include printed decals and kiosk wraps.



Max Output (Amperage)	80A
Phase	Single
AC Power Input Rating	208/240VAC 60Hz single phase
IEC 15118	YES
Wiring	3-wire (L1, L2, Earth)
Output Power (kW @ max A	19.2kW (240VAC @ 80A)
Input Cord Required	Hardwire
Charging Plug	SAE J1772 (80A)
Charging Cable Length	Standard 15' (4.5 meters) – up to 25' (7.6 meters) upon request

Mechanical

Dimensions (mm)	529 X 317 X 145
Weight (kg/lbs)	14.5kg/32lbs

Communication Option

Wireless Network	2.4GHz Wi-Fi (802.11 b/g/n)
Wide Area Network	4G LTE (optional)
LAN	LAN 10/100
RFID Reader	ISO 15693, 14443A/B

User Interface & Control

LED Indicators	Standby (blue), Charging (flashing Green), Full charged (Steady Green), Fault (red)
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Safety

Codes and Standards	SAE J1772
Safety Compliance	UL listed for USA ; complies with UL 2594, the service panel is recommended.
EMC Compliance	FCC Part 15 Class B
Surge Protection	6kV @ 3000A. In areas subject to frequent thunderstorms, supplemental surge protection at the service panel is recommended.
CCID	20mA

Environmental

NEMA / IP Rating (Dust / Moisture)	NEMA 3R
IK Rating (Mechanical Impact)	IK 10
Altitude	3,500 m (operating)
Solar radiation	1120 W/m ² (Class 2K4)
Wind rating	12 Beaufort
Operating temperature	-30°C to +50°C
Storage temperature	-40°C to +60°C
Operating humidity	up to 85% @ +50°C (122°F) non-condensing
Non-Operating humidity	up to 95% @ +50°C (122°F) non-condensing
Warranty	2-year (optional)