

# EV100 SERIES

EV charging station, 1-port, up to 50A input and 10kW of charging capacity per port.



**3** YEAR  
LIMITED  
WARRANTY



## POWERFUL

1-port with up to 40A and 10.0kW per port of charging capacity.



## DURABLE

NEMA 250 and Type 3R protection ratings allow for indoor or outdoor installation.



## INTERACTIVE

4 LED indicators - Power, Connect, Charging and Fault.



## CONNECTED

Complete with LAN connectivity (Wi-Fi or 4G optional), ensuring chargers are always online.



## OCPP ENABLED

OCPP 1.6J helps you connect the EV charger to the cloud.



## FLEXIBLE

Standard 16 ft cable allows access to either side of the vehicle.



## ZEVTRON CHARGING CONTROL & MANAGEMENT SOLUTIONS



- Turn-key EVSE back-office management
- Seamless integration with your existing business software
- Cost effective deployment and managed EVSE networks
- Easy to use and secure online access
- Designed and developed in America

## ETO - ENGINEERED TO ORDER OPTIONS

Customized branding available including colors and customer logo

\*Contact factory for options



## ELECTRICAL

AC Power Input Rating	SAE Standard, AC Level 2, 240V: +/- 15% (208V/240V)
Frequency	60Hz
AC Power Output Rating - Power Share	10kW - 40A
Required Service Panel Breaker Power Share	Dedicated Two Pole: 50A (40A station)
Power Wiring	3 Wire - L1, L2 plus GROUND, NEMA 14-50P
Connector type	SAE J1772 (TYPE 1)
Connector Mechanical Operating Life	>10,000 times

## ENVIRONMENTAL

Storage Temperature	-40° to 75°C (-40° to 167°F) ambient
Operating Temperature	-30° to 50°C (-22° to 122°F) ambient
Operating Humidity	Up to 95% non-condensing
Cooling Method/Thermal	Natural Cooling/Firmware Software Interface using Zevtron Firmware
Electrical Enclosure	NEMA 250, Type 3R, 4/CCID 20/YES with epoxy powder coating

# EV100 SERIES

## ORDERING INFORMATION

Part number example

**GW-EV100-1-10-C-25-Z**

EV charging station, 1-port, 10kW, 40A, cellular networking interface with RFID reader and Zevtron control and management software



**GW-EV100 - 1 - 10 - C - 25 - Z**      - X - X - X

PORTS	
1	1 port

OUTPUT	
10	10kW - 40A

NETWORK	
BLANK	Default
C	Cellular

CORD LENGTH	
BLANK	16 ft
25	25 ft

PAY FOR CHARGE	
BLANK	None
Z	Zevtron

MTO OPTIONS	

## ADDITIONAL SPECIFICATIONS

MECHANICAL	
Packaging Dimensions	15.70" x 12.66" x 10.50"
Product Dimensions	12.20" x 8.66" x 3.75"
Weight	17.67 lbs
Charging Cable Length	5m/16ft or customize length
Enclosure material	Polycarbonate and ASA plastic

INTERFACE & CONTROL	
Charging Control	WEE-Charge app or RFID Card and Zevtron Management Software options
RFID Card Reader	CCID 20 (available as option)
Indicators	4 LED indicators-Power/Connect/Charging/Fault
External Communication	WAN, RS- 485 LAN (RJ-45) and Wi-Fi or 4G Network Cellular enabled
OCPP Protocol Compliance	OCPP 1.6J
ADA-ABA	Compliant as installed per installation instructions
Metering	Non-revenue and revenue grade metering

PROTECTION & STANDARDS	
Input protection	Integral GFCI and Auto-GFCI fault retry/ Surge protection of 6kV at 3000A
Over Voltage Protection	Yes
Overload Protection	Yes
Earth Leakage Protection	Yes
Over-temp Protection	Yes
Compliances	UL 2231-1, UL2232-2, UL2594, ROHS, CE, REACH, Energy Star

