EV100 SERIES





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



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

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

ETO - ENGINEERED TO ORDER OPTIONS

Customized branding available including colors and customer logo

*Contact factory for options



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

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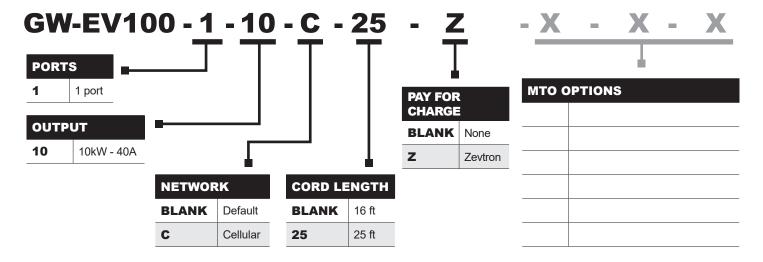


ORDERING INFORMATION

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



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	