LIGHTSPEC

EV Charging Hardware, Alternative Energy and Storage Solutions

Hardware Levels

Level 1 – 120V

AC Power Output Rating -
Up to 9.6kW 40 Amps

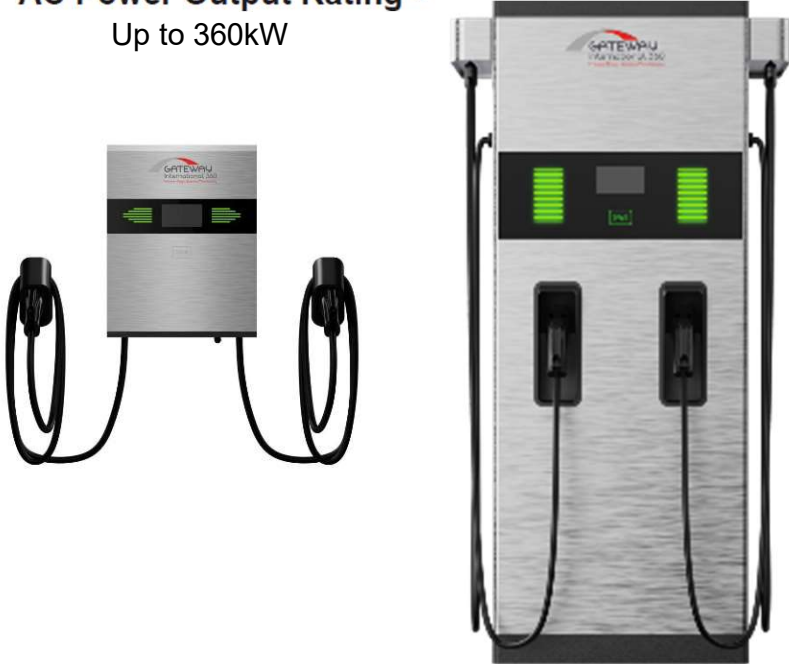NEMA 5-15-125V

NEMA 14-50-250V

Storage/carry bag included

Level 2 – 208/240V

AC Power Output Rating -
Up to 19.2kW 80 Amps

GATEWAY 360

Level 3 – 480V DCFC

AC Power Output Rating -
Up to 360kW

Estimated Budget Price Ranges	Under $500	$700 - $10,000	Under $12,000 - $100,000+

Tower Power / Charging Stack and Dispensers

Fast High Current Charging

System Capacity Up to 360kW
8 or 12 Dispensers (30 – 180kW)

RC1   Ron Conroy, 3/7/2023

Installation Methods & Accessories

Wall Mount   **_Pedestal_**   **_Stand Alone_**

*Cable Management/Retractor Options Available

Non – 'Pay for Charge'

Free app control:
- WEE-Charge (EV100 Series)
- S-Charge (EV200 – EV400 Series)

✓ Connect via: WiFi or Bluetooth
✓ Remote Start and Stopping
✓ Schedule Charging Time
✓ Adjustable Dynamic Load Balance Setting
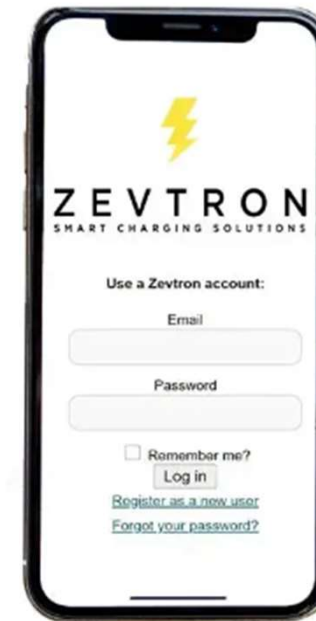✓ View Charging History and Power Consumption

Turn-key Back Office Management and 'Pay for Charge'

Flexibility For Drivers

QUICK CONNECT TECHNOLOGY

Quick Connect technology is mobile friendly and easy to use; no need to download and manage a separate app.

MULTIPLE PAYMENT METHODS

Multiple methods offer payment flexibility to drivers.

Owner Management Platform

Easily manage drivers, stations, pricing, and energy consumption.

Leverage the power of driver/charger groups to control access and pricing.

Quick and easy access for drivers, no need to download a separate app.

Start simple and grow into a more complex charging program as needs change.

User management
Control who, when and how drivers utilize charging stations. Allow open public access or establish rules to manage access and pricing. Simplify user management and optimize pricing by applying rules to unique driver groups.

Station management
Easily add, remove, and manage charging stations. Create station groups to manage by location, user, or charger level.

Flexible pricing
Set and manage pricing based upon time and date, charging duration, energy consumption and type of driver.

OCPP

- **Open Charge Alliance (OCA)**
  - Global consortium of public and private EV infrastructure leaders
  - Mission is to promote open standards through the adoption of the Open Charge Point Protocol (OCPP)
- **OCPP benefits station owners, manufacturers and drivers**
  - A single operating system across networks and charging stations
  - Station owners can mix, match, and switch between networks and charge stations
  - Manufacturers and network providers can compete on price, service, product features, and innovation
  - Developers can add functionality once and share across the single operating system

3/8/2023

QR Code Access

Web Site Access

How do you want to charge?

MEMBER ACCESS	GUEST ACCESS
Login or Register as a member	Continue as a guest
MEMBER CHARGING	GUEST CHARGING

3/8/2023

RFID Access
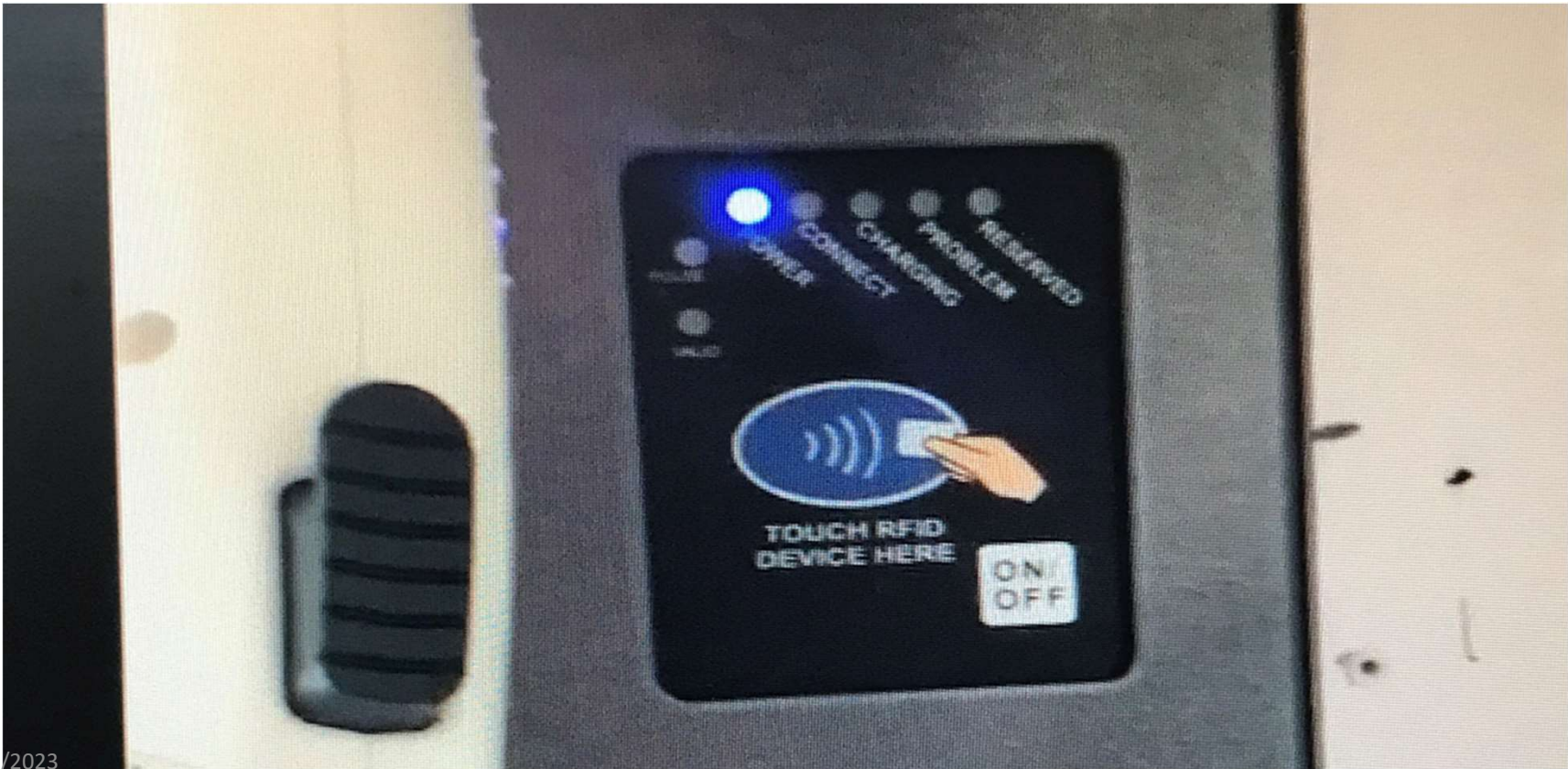
EV100 SERIES

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.

8.66"
12.20"
Depth = 3.75"

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: 40A (32A station)

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

EV250 SERIES

EV charging station, 1-port, up to 60A input and 11.5kW of charging capacity per port.

3 YEAR LIMITED WARRANTY

POWERFUL
1-port with up to 48A and 11.5kW per port of charging capacity.

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

INTERACTIVE
Single LED status indicator.

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.

Ford F-150® Lightning

7.1"
7.1"
Depth = 3.7"

ELECTRICAL

AC Power Input Rating	SAE Standard, AC Level 2, 240V: +/- 15% (208V/240V)			
Frequency	60Hz			
AC Power Output Rating	Up to 11.5kW - 60A			
Required Service Panel Breaker Power Share	3.8kW	7.6kW	9.6kW	11.5kW
	20A	40A	50A	60A

INTERFACE & CONTROL

Charging Control	S-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

EV350 SERIES

EV charging station, 1-port, up to 100A input and 19.6kW of charging capacity per port.

GATEWAY International 360
Innovation Design, Solutions Manufacturing

POWERFUL
1-port with up to 80A and 19.2kW per port of charging capacity.

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

INTERACTIVE
Single LED status indicator.

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

ETO - ENGINEERED TO ORDER OPTIONS

Customized branding available including colors and customer logo

*Contact factory for options

3 YEAR LIMITED WARRANTY

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

9.8"
14.20"
Depth = 4.4"

ELECTRICAL

AC Power Input Rating	SAE Standard, AC Level 2, 240V: +/- 15% (208V/240V)					
Frequency	60Hz					
AC Power Output Rating	Up to 19.2kW - 80A					
Required Service Panel Breaker Power Share	3.8kW	7.8kW	9.6kW	11.5kW	16.8kW	19.2kW
	20A	40A	50A	60A	90A	100A

INTERFACE & CONTROL

Charging Control	S-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

EV900 SERIES

EV charging station, 2-ports, up to 100A input and 19.2kW of charging capacity per port.

3 YEAR LIMITED WARRANTY

POWERFUL
2-ports with up to 80A and 19.2kW per port of charging capacity.

DURABLE
Type 3 and IK08 protection ratings allow for indoor or outdoor installation.

INTERACTIVE
7" LCD screen with intuitive and user friendly interface.

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.

← 22.7" →

Depth = 7.6"

81.8"

45.2" to center of LCD screen

GATEWAY 360

Customized branding available including colors and customer logo
*Contact factory for options

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	(2) 19.2kW 80A or (1) 19.2 80A* *Requires installation of jumper kit

Required Service Panel Breaker Power Share	3.8kW	7.6kW	9.6kW	11.5kW	16.8kW	19.2kW
	20A	40A	50A	60A	90A	100A

INTERFACE & CONTROL

Charging Control	RFID Card and Zevtron Management Software option
RFID Card Reader	CCID 20
External Communication	WAN, RS- 485 LAN (RJ-45) and Wi-Fi or 4G Network Cellular enabled
Display	7 in, LCD with user friendly interface

GATEWAY International 360
Standard, Dimming & Intelligent Controls

SDVOSB

LIGHTSPEC

EV4000 SERIES

EV charging station, 2-ports and up to 120kW of charging capacity.

GATEWAY International 360
Innovation Design, Solutions /Manufacturing

POWERFUL
2-ports with up to 120kW of charging capacity.

DURABLE
Type 3 and IK08 protection ratings allow for indoor or outdoor installation.

INTERACTIVE
7" LCD screen with intuitive and user friendly interface.

CONNECTED
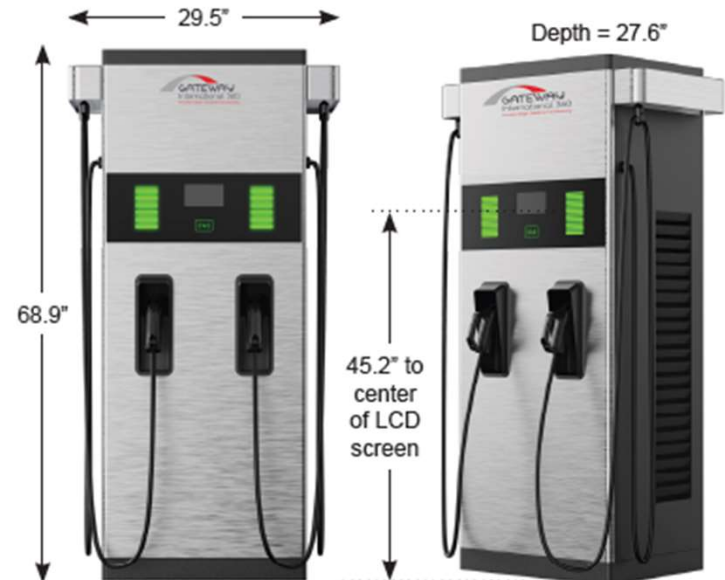Complete with LAN, WiFi and 4G connectivity ensuring chargers are always online.

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

FLEXIBLE
Standard 13 ft. cable allows access to either side of the vehicle.

3 YEAR LIMITED WARRANTY

29.5"
Depth = 27.6"
68.9"
45.2" to center of LCD screen

ELECTRICAL

AC Power Input Rating	SAE Standard, DC Level 3, 480V: (+10%, -15%)
Frequency	60Hz
Output Rating	60kW, 90kW, 120kW, 150kW, 180kW
Max current, Operating voltage	60A, 90A, 120A, 150A, 180A @ 1000V
Power Wiring	3ph/L1,L2,L3,N,PE3

INTERFACE & CONTROL

Charging Control	RFID Card and Zevtron Management Software option
RFID Card Reader	CCID 20
External Communication	WAN, RS- 485 LAN (RJ-45) and Wi-Fi or 4G Network Cellular enabled
Display	7 in, LCD with user friendly interface

Bus EV charging solutions

1 Charging dispenser

GW-EV-7000

Output capacity:
15-60KW or 0-120kw

Charging ports:
1 or 2 ports per unit

Connect up to 32 EV cars at 30kW, 16 EV buses or trucks at 60kW or 8 EV buses or trucks, or 4 EV connections at 240kW

Zevtron charging control & management software solutions

ZEVTRON

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

2 Charging stack

SCU

GW-EV-8000

System capacity:
4 @ 240kW

Up to 32 charging dispensers
(single or dual port)

Output per port:
15-60KW or 0-120kw

Car dealership EV charging solution

Custom branding available

Zevtron charging control & management software solutions

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

ZEVTRON

SDVOSB

GATEWAY International 360
Innovation Design, Solutions Manufacturing

1 Customer charging station

GW-EV-3100
30kW or 30kW + 30kW
1 or 2 port, 60A units installed in consumer fast charging station

GW-EV-4000
150kW
1 or 2 port units installed in consumer fast charging station

2 Service area

GW-EV-3100
30kW or 30kW + 30kW
1 or 2 port, 60A units installed in consumer fast charging station

GW-EV-100
10kW
1 port, 50A units installed in service bays

GW-EV-900
19.2kW
2-port, 80A unit for fast charging located outside of service bays

3 Showroom/customer accessories

GW-EV-50
3.5kW/7.5kW
1 port, 16A or 32A portable unit for overnight/trickle charging

GW-EV-100
10kW
1 port, 50A units installed in homes

GW-EV-300
19.2kW
1 port, 80A unit installed in home

Key Questions to Ask?

- Utility Power Supplier/Local Inspector:
  - Have They Been Contacted to Inquire About Available Incentives and Potential Power Grid Concerns
  - Consult with Electrical Inspector Regarding Local Code Requiements

- Specification:
  - Basis of Design- Manufacturer, Make or Model
  - Any Available Drawings
  - Vehicle Information, Vehicle Manufacturer kW Recommendations or Requirements

- Application and Use:
  - Residential (Personal), Commercial, Public, Fleet, etc.
  - 'Pay for Charge'
  - Available or Planned Power Availability (Voltage and Amperage)
  - Wall Mount or Pedestal
  - Cable Management or Cable Retractors

- Available or Planned Network Connectivity:
  - LAN, WiFi or Cellular
  - Rural Area Without Internet or Cellular Service (Alternative Service Provider Solution Available Soon)

Thank You!

Question and Comments