

INFINITY

EV Charging Systems





EV Charger

- 80-amp Charging Capacity
- 220 Volt Input
- UL & IP55 Rated Design
- 18' Charging Cable
- Integrated E-Stop
- RFID Payment Systems
 - Apple & Google Pay
 - WEX & Voyager Systems
- Ethernet and 4G Optional
- OCPP 2.0.1 Compliant

Charging Pedestal

- Integrated Charger Design
- Single/Dual Units
- Heavy-duty Cable Management
- Independent Power Disconnects
- Heavy-duty Steel Design
 - 14 Gauge Welded Body
 - 7 Gauge Heavy Duty Base
 - Powder Coat Finish
- Dimensions: 72"H x 10"W x 10"D
- Designed for Easy Installation
- Made in the U.S.A

LIGHTENING DC180

Level 3 EV Charging Systems



LIGHTENING DC180



EV Charger

- Single/Dual Charging Ports
- CCS1 up to 180kW
- Max. 94% Power Efficiency
- 15.6-inch Large Touchscreen Display
- RFID for User Authorization
- OCPP 1.6J Support
- OTA Update Support
- NEMA Type 3R, IK10 Protection
- Smart Charging Support w/Interactive Charging Management System
- Customization Available
- Made in the U.S.A

INFINITY ~~X~~ HD

EV Charger

- 80-amp Charging Capacity
- 220 Volt Input
- UL & IP55 Rated Design
- 18' Charging Cable
- Integrated E-Stop
- RFID Payment Systems
 - Apple & Google Pay
 - WEX & Voyager Systems
- Ethernet and 4G Optional
- OCPP 2.0.1 Compliant

Smart HD Charging Pedestal

- Integrated Charger Design
- Single/Dual Units
- Heavy-duty Cable Management
- Independent Power Disconnects
- Heavy-duty Steel Design
 - 14 Gauge Welded Body
 - 7 Gauge Heavy Duty Base
 - Powder Coat Finish
- Dimensions: 90"H x 72"W x 40"D
- Designed for Easy Installation
- Removable Pedestal (Wall Mount Opt.)
- Made in the U.S.A



INFINITY

ADVANCED SECURITY DESIGN

- Heavy-duty Steel Construction
- Integral Cover for Electrical Connections
- Auto-Locking Cable Door
 - Releases with Payment Authorization
- Cable Visible through Mesh Door



LIGHTENING DC180

180 AMP STANDALONE EV CHARGING STATION

- 2 Head EV Charging Station
 - 180amp Total Charging Capacity
 - 480V; 3-Phase; 60hZ
 - Diesel Generator System for Portable Power
 - Main Hookup for Stationary Power at Static Location
 - Heavy Duty Skid Design for Total Portability
 - Powder Coated Steel Design

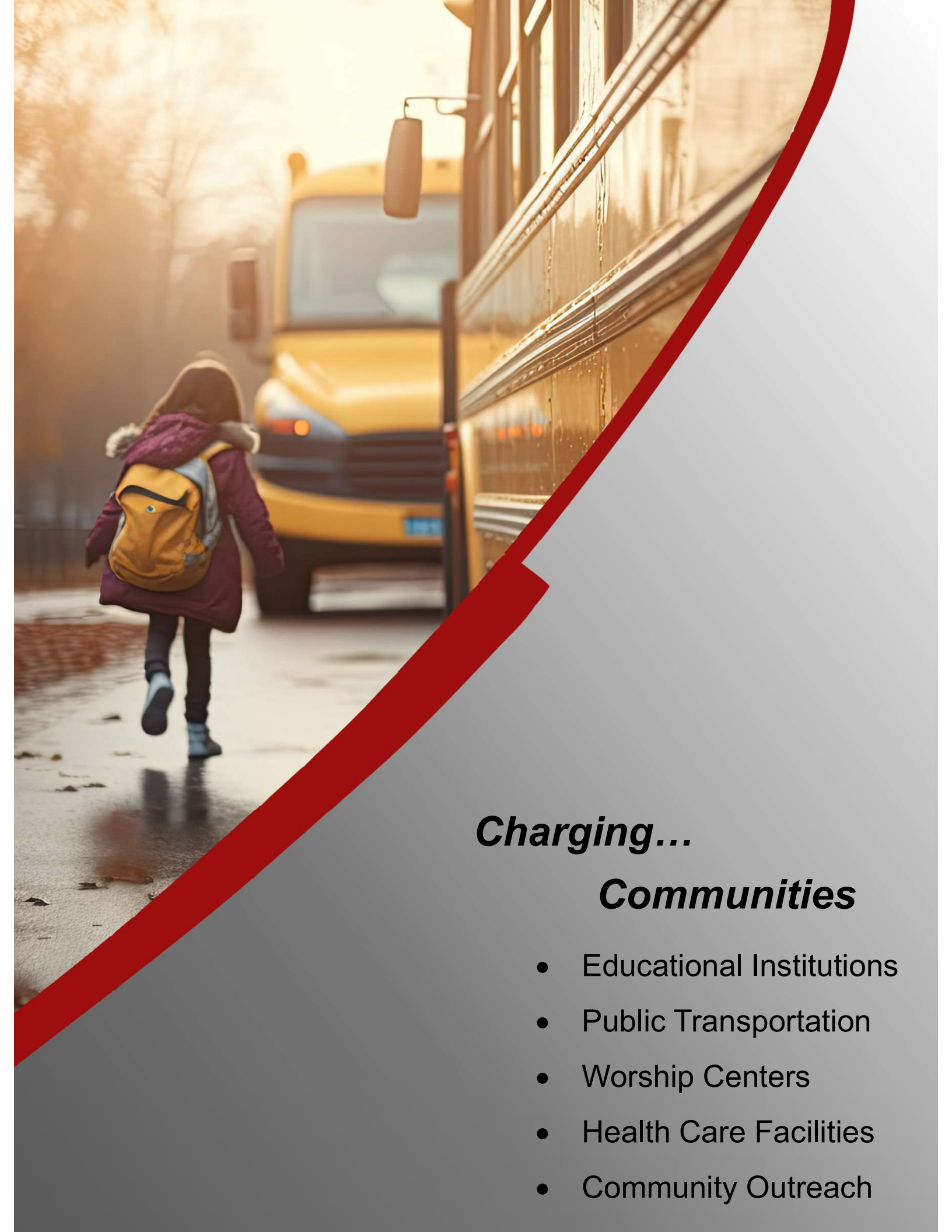




Charging...

Public Services

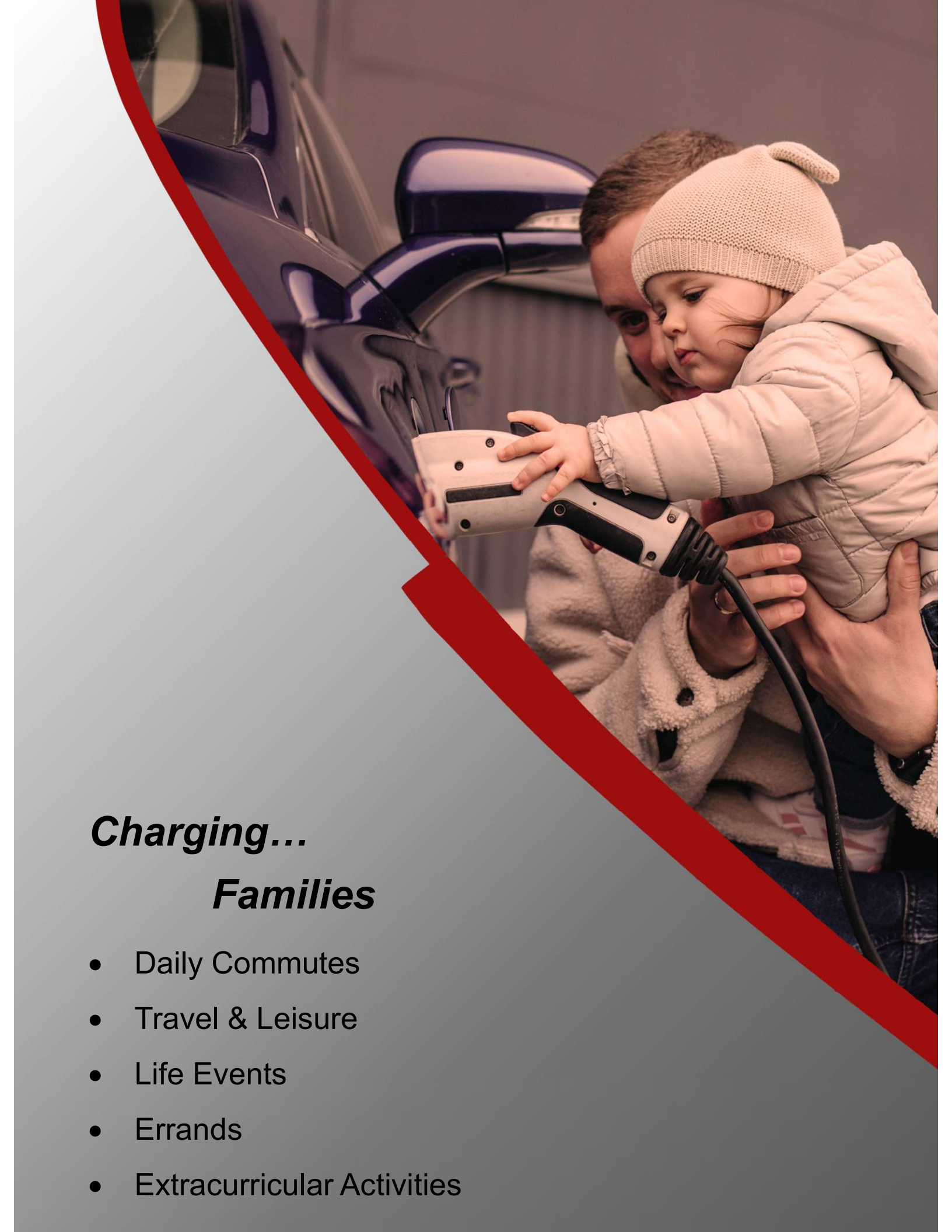
- Military
- Fire Departments
- Law Enforcement
- Emergency Medical Services
- Federal Government Transportation



Charging...

Communities

- Educational Institutions
- Public Transportation
- Worship Centers
- Health Care Facilities
- Community Outreach

A photograph of a man holding a baby while plugging a charging cable into a car. The man is wearing a grey jacket and the baby is wearing a white puffer jacket and a white knit hat. The car is dark blue. A large red diagonal line runs from the top left to the bottom right, separating the image from the text below.

Charging...

Families

- Daily Commutes
- Travel & Leisure
- Life Events
- Errands
- Extracurricular Activities

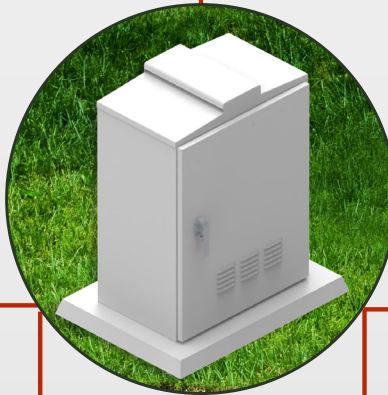


High Voltage

“Complete EV Installation Solution”



Step Down Transformer



EV Power Panel
*Meter Optional



Charging Management Software



Basic MGT Service

- Smart Timing Control and Scheduling
 - AMP to Load Control
 - AMP to Schedule Control
- Charging Status
- User Authorization
- RFID Payments
- Revenue Profit Management

Maintenance

- Maintenance Records
- Historical Data
 - Down Data
 - Energy Usage Data
- Software Version Upgrades
- Troubleshooting



Cyber Security

- Microsoft Cloud-Based Software
- FedRAMP Approved Architecture
- Open Charge Point Protocol (OCPP)

Charger Specifications

RMP-80AAS		
Model		EV AC 17kW Charger
Type		Wall-Mount / With-Stand
Output Power		17kW (Max.)
Input	Voltage	Single Phase 220VAC $\pm$ 10% 60Hz
	Connection	L 、 G 、 N
Output	Voltage	Single Phase 220VAC $\pm$ 10% 60Hz
	Current	80 A (Max.)
	Charging Port	1
	Charging Gun	SAE-J1772
Display		LED
Push Button		Emergency Stop
Communication		Ethernet
Safety Regulation		UL 2594 (TBA 2023.12)
Environment	Operating Temperature	-25°C ~ +50°C / -13°F ~ +122°F
	Storage Temperature	-30°C ~ +70°C / -22°F ~ +158°F
	Humidity	<95% (non-condensed)
	Altitude	<2000M / <6516 ft
Dustproof and Waterproof		IP55 / NEMA 3R Outdoor Use



Smart HD Kiosk Specifications

PANEL	
Model	OFX-Open Frame Touch
Type	Projected Capacitive Multi-touch
Size	32 Inch
Resolution	1920x1080
Brightness	500 nits
Color Support	16.7 million
Response Time	8 ms
Contrast Ratio	3000:1
Aspect Ratio	16:9
Connectivity	HDMI, VGA, DVI
Operating Temperature	-5°C ~ +50°C / 23°F ~ +122°F
COMPUTER/MEDIA	
Model	DF612, Signage Computer
CPU	Intel Core i3
System Memory	Up to 64 GB
Storage	PCIe SSD
GPU	Intel UHD Graphics
Connectivity	Ethernet / (4G Optional)
I/O Interface	Serial USB Audio HDMI
Operating Temperature	0°C ~ 45°C / 32°F ~ +113°F
Operating System	Windows 11 64 bit
HD Camera	Included in Pedestal

