

# EVPS-360/480 - 480/480 (NA)

360 - 480 kW Distributed Charging



**Distributed DC Fast Charging.**  
High Performance. Future-Ready.

## System Features

### High Efficiency Performance

- With up to 96% efficiency, this charger reduces energy loss and lowers operating costs, delivering better performance and more value per charge.

### Powerful Output Delivery

- Delivers up to 700 A, with continuous charging at 500 A, ideal for heavy-duty EVs needing stable, high-speed performance under demanding loads.

### Intelligent Power Distribution

- Delivers up to 480 kW system-wide, with intelligent load balancing that dynamically allocates power based on dispenser usage, including up to 480 kW to a single dispenser when needed.

### Certified for Compliance

- Meets UL, FCC, OCA, RCM, CTEP, and NTEP standards, supporting accurate energy metering and regulatory alignment for public charging deployments.

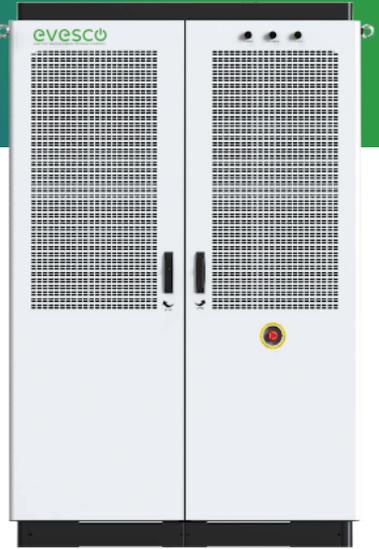
### Modular, Scalable Design

- Supports up to six connectors, including dual dispensers, for maximum flexibility and simultaneous charging across bays to boost site throughput.

### Versatile Start-Up Modes

- Supports RFID, OCPP, QR code, or optional credit card reader, allowing site operators to choose the most convenient and secure method for user access.





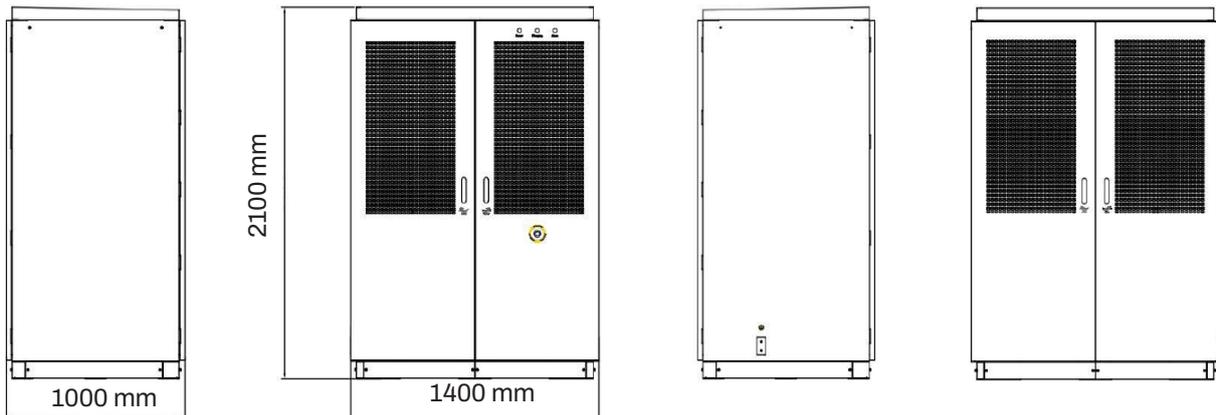
## EVPS-360/480 - 480/480 (NA)

360 - 480 kW Distributed Charging

### System Specifications

#### Power Bank Specifications

Model Number	EVPS-360/480 (NA)	EVPS-480/480 (NA)
Output Power	360 kW	480 kW
Output Voltage	200 - 1000 VDC	
Max. Output Current	1200 A	1600 A
Input Voltage	480 VAC +/- 10%	
Input Frequency	50 / 60 Hz	
Input Type	3Phase + N +PE	
Power Factor	0.99	
THDi	<5%	
Peak Efficiency	96%	
Max. Number of Connectors	6 connectors (Utilizing 3 dual dispensers)	
Protection	Class I	
Over-Voltage Category	OVC III	
Cooling Method	Air cooling	
Operating Temperature	-22°F (-30°C) to 149°F (65°C)	
Humidity	5 - 95% Rh non-condensing	
Operational Altitude	<2000 m (<6562 ft)	
Protection Ratings	IP55 / IK10	
Dimensions W x D x H	1400 x 1000 x 2100 mm 55.1 x 39.4 x 82.7 in	
Weight	810 kg 1785 lbs	870 kg 1918 lbs
Warranty	3 years (optional extended warranty available)	





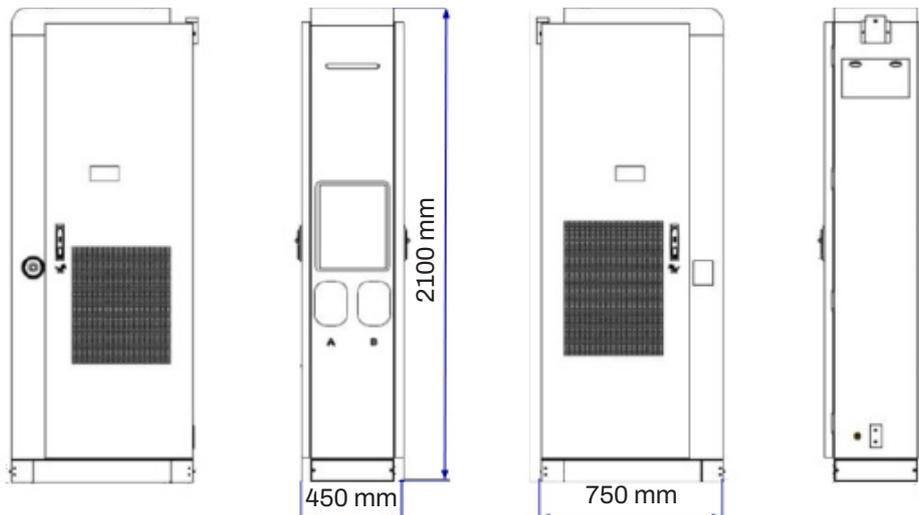
# EVDS Series

## EV Charging Dispensers

### System Specifications

#### Dual Connector Dispenser Specifications

Model Number	EVDS-CCS1/ CCS1-33 (NA)	EVDS-CCS1/ NACS-33 (NA)	EVDS-NACS/ NACS-33 (NA)	EVDS-CCS1/ CCS1-53 (NA)	EVDS-CCS1/ NACS-53 (NA)	EVDS-CCS1/ CCS1-55 (NA)
<b>Connectors</b>	CCS1 + CCS1 Both cables air-cooled	CCS1 + NACS Both cables air-cooled	NACS + NACS Both cables air-cooled	CCS1 + CCS1 One cable air-cooled + one cable liquid-cooled	CCS1 + NACS One cable air-cooled + one cable liquid-cooled	CCS1 + CCS1 Both cables liquid-cooled
<b>Output Power</b>	up to 360 kW			up to 480 kW		
<b>Output Voltage</b>	300 - 1000 VDC					
<b>Max. Output Current</b>	350 A + 350 A Boost to 500 A		350 A + 500 A Boost to 500 A + 700 A		500 A + 500 A Boost to 700 A	
<b>Peak Efficiency</b>	96.5%					
<b>Communication Protocol</b>	OCPP1.6J / OCPP2.0.1					
<b>Communication Interface</b>	4G / LAN					
<b>Authentication Modes</b>	RFID, QR Code, OCPP and optional POS terminal					
<b>Cable Length</b>	5 m (16.4 ft) (optional extended lengths available)					
<b>Display</b>	15" HD touchscreen with video capability					
<b>Operating Temperature</b>	-13°F (-25°C) to 122°F (50°C)					
<b>Humidity</b>	5 - 95% Rh non-condensing					
<b>Operational Altitude</b>	<2000 m (6562 ft)					
<b>Protection Ratings</b>	IP55 / IK10					
<b>Dimensions W x D x H</b>	450 x 750 x 2100 mm 17.7 x 29.5 x 82.7 in					
<b>Weight</b>	220 kg 485 lbs					
<b>Standards/Certification</b>	cTUVus, FCC, CTEP, NTEP, OCA, UL 2202, UL 2231, UL 1998, UL 991, ISO 15118					
<b>Warranty</b>	3 years (optional extended warranty available)					





**Ready to take control of your  
EV charging future?**

Contact us at  
**evesco@power-sonic.com**  
to accelerate your electrification strategy.

