



EV Charging Solution

DC Charger / High Power Charger 350kW

- Distributed space-saving architecture
- 95% peak power efficiency for energy saving
- OCPP and network connectivity for seamless system integration



Highway
Service



Service
Station



Travel Faster with High Power Charger

Delta's High Power Charger 350kW offers the fastest charging time than any other charger. It is ideally suited in highway rest stop, traditional fuel station and fleet charging due to its high power of up to 350kW, equal load distribution and simultaneous charging features, enabling charging of 2 vehicles at once. High power

efficiency and the ability to share power from power cabinet between two dispensers, enable a reduction in cost of ownership. It also offers a user friendly design with LED status light visible from a distance, and a 15 inch display. Delta High Power Charger 350kW helps EV drivers shorten the time needed to get back on the road.



Feature Highlights

Up to 95% power efficiency for optimal charging service

- Max. 950V and 540A in 350kW high power charging
- Simultaneous charging service
- Supports CHAdeMo, CCS1 charging standard

Distributed space-saving architecture

- Distributed architecture enables you to install charger without replanning parking spaces
- Adopt power module for extension flexibility
- IP55 / NEMA3R ingress protection and IK10 enclosure protection

OCPP and network connectivity for seamless system integration

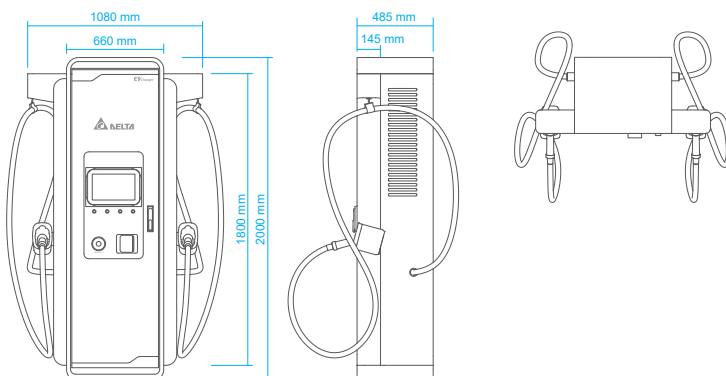
- Supports OCPP 1.6J (upgradeable to OCPP 2.0)
- Built-in Ethernet, cellular (3G / 4G) network connectivity
- Integrable with commercial and management systems for improved operational efficiency

Specifications - Dispenser

Part Number	EIDD-U
Power Input	
Input Rating	480 Vac Three phase, 60Hz
Power Output	
Output Voltage	1000Vdc max
Output Interface	DC output option: single CCS1, double CCS1 or CCS1/CHAdeMO
DC Output Current	540A max. CCS1 (Liquid cooling); 200A max. CHAdeMO
DC Output Power	350kW max
Protection	
Protection	Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Ground fault
User Interface & Control	
Display	15 inch LCD Panel
Support Language	English (Other languages available upon request)
Push Buttons	Emergency Stop Button
User Authentication	ISO/IEC 14443A/B, NFC Payment: Integrated credit card reader
Charge option	Simultaneous charging
Communication	
Network Interface	Ethernet, Cellular
Protocol	OCPP v1.6-J, upgradable to OCPP v2.0 and ISO15118 upgradable
Environmental	
Operating Temperature	Operating at 22°F to +122°F (-30°C to +50°C)
Storage Temperature	-40°F to +185°F (-40°C to +85°C)
Humidity	< 95% relative humidity, non-condensing
Mechanical	
Ingress Protection	IP55/NEMA 3R
Enclosure Protection	IK10
Cooling	Forced air
Charging Cable Length	14.76 ft. (4.5 m)
Dimension (W x H x D)	42.5 x 78.7 x 19.1 inch (1080 x 2000 x 485 mm)
Weight	706 lb (320 kg)
Regulation	
Certification	UL 2202, UL 2231
Installation	
Accessory	Cable management

Dimension and weight excluding plug and connector. Specifications are subject to change without notice.

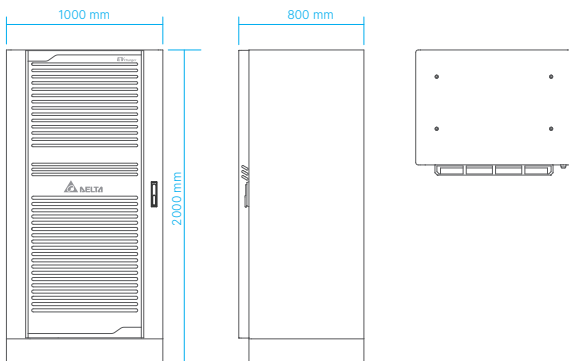
Dispenser



Specifications - Power Cabinet

Part Number	EIDN-U
Power Input	
Input Rating	480 Vac Three phase, 60Hz
Power Factor	≥0.99
Current THD	Compliant with IEEE 519
Power Output	
Output Voltage	150~950Vdc
DC Output Current	540 A max
DC output power	350kW
Efficiency	≥ 95% @400Vdc, full load; (Peak 96%)
Protection	
Protection	Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Ground fault
Environmental	
Operating Temperature	22°F to +122°F (-30°C to +50°C) Power derating above +122°F(+50°C)
Storage Temperature	-40°F to -176°F (-40°C to +80°C)
Humidity	< 95 % relative humidity, non-condensing
Altitude	6,500 ft. (2,000 m)
EMC	FCC Part 15-b Class A
Mechanical	
Ingress Protection	IP55/NEMA Type 3R
Enclosure Protection	IK 10
Cooling	Force Air
Dimension (W x H x D)	39.3 × 78.7 × 31.4 inch (1000 × 2000 × 800 mm)
Equipment Weight	1184 lb (537 kg)
Regulation	
Certification	UL 2202, UL2231

Power Cabinet



More information

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2023/05