



EV CHARGING SOLUTION

DC Charger / High Power Charger 350kW

Features

- High-power charging up to 500A and 350kW
- Dynamic load distribution and simultaneous charging
- Modular design to ensure high availability
- Power sharing available between two dispensers
- OCPP and network connectivity facilitate system integration
- High longevity with IP55 enclosure
- 95% peak power efficiency for energy saving
- Easily upgradable with a future-proof design



Highway
Service



Service
Station



Shorten the Time Get Back on the Road

The DC High-Power Charger offers the fastest charging time compared to any other charger. It is ideally suited for highway rest stops facilities due to its high power, dynamic load, and simultaneous charging features. High-power efficiency and the ability to share power from the power cabinet between two dispensers help reduce the cost of ownership.



Feature Highlights

Cellular Connection

- Backend office connection
- Charger configuration
- Authentication

HMI

- Operating instructions
- Viewable under sunlight
- 15 inches

Emergency Stop Button

LED Light Bar

Charging Standard

- CCS2
- CHAdeMO

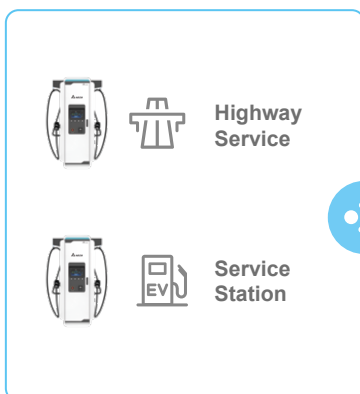
User Authentication

- Credit card reader



Application Scenario

Charging Network



Backend Office

EV Charging Network Management System



Mobile App access for remote control

Applications

Energy Management

Membership Management

Site / Building Management

... and more

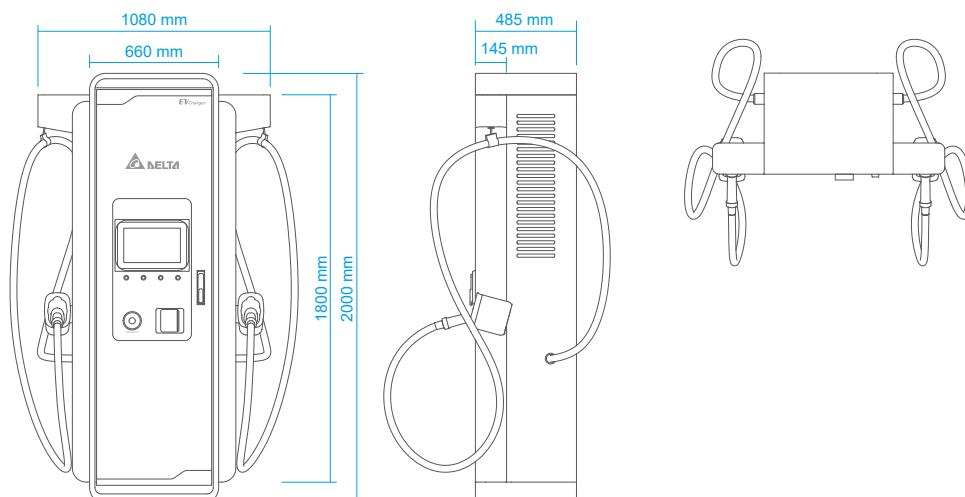
Specifications - Dispenser

Part Number	350W Dispenser
Power Input	
Input Rating	230Vac, 1-Phase, 50Hz
Power Output	
Max Output Voltage	1000Vdc max
Output Interface	DC output option: single CCS2, double CCS2 or CCS2/CHAdeMO
DC Output Current	500A max. CCS2 (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 with equal distribution charging
Communication	
Network Interface	Ethernet, Cellular
Protocol	OCPP v1.6-J, upgradable to OCPP v2.0
Environmental	
Operating Temperature	-30°C to +50°C
Storage Temperature	-40°F to +185°F (-40°C to +85°C)
Humidity	< 95% relative humidity, non-condensing
Altitude	13,123 ft. (4,000 m)
Mechanical	
Ingress Protection	IP55/NEMA 3R
Enclosure Protection	IK10
Cooling	Forced air
Charging Cable Length	4.5m
Dimension (W x H x D)	1080 x 2000x 485 mm
Regulation	
Certification*	IEC 61851-1, IEC 61851-23
Installation	
Accessory	Cable management

*Certification in plan.

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

Mechanical

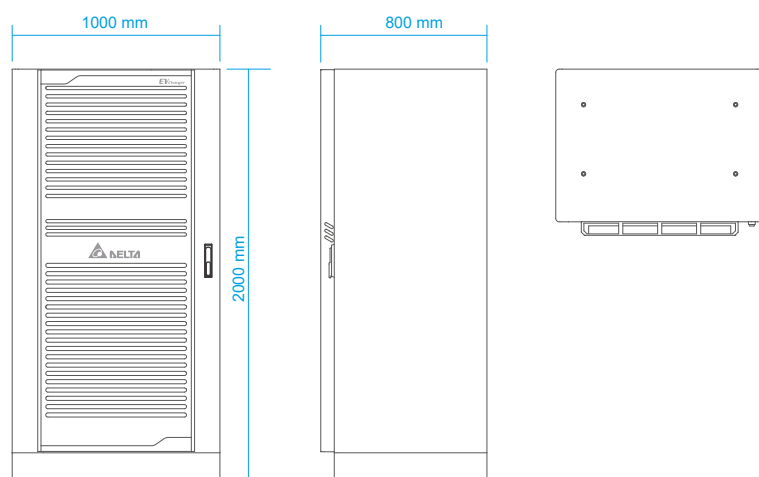


Specifications - Power Cabinet

Part Number	350kW Power Cabinet
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	500 A max
DC output power	350kW
Efficiency	≥ 95% @400Vdc, full load; (Peak 95.5%)
Protection	
Protection	Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Ground fault
Environmental	
Operating Temperature	-30°C to +50°C
Storage Temperature	-40°C to +80°C
Humidity	< 95% relative humidity, non-condensing
Altitude	2,000 m
EMC	FCC Part 15-b Class B
Mechanical	
Ingress Protection	IP55/NEMA Type 3S
Enclosure Protection	IK 10
Cooling	Force Air
Dimension (W x H x D)	1000 x 2000 x 800 mm
Regulation	
Certification*	IEC 61851-1, IEC 61851-23

*Certification in plan.

Mechanical



More information

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