



EV Charging Solution

DC Charger / City Charger 200kW

- 200kW fast charging with ≥ 96 % efficiency
- Complete system integration for better charging services
- Advanced service support for optimal operation



Highway
Service



Parking



Service
Station



Commercial
Areas



Traffic
Hub



Speed up Urban Life with EV Fast Charging

Delta City Charger 200kW provides high-efficiency charging service for EV charging stations. With dual outputs and dynamic load distribution, it can serve 2 EVs simultaneously, which boosts the turnover at the charging station. Its industry-leading $\geq 96\%$ efficiency

performance saves energy significantly. It is also compatible with OCPP, allowing backend integration, such as user identification, remote monitoring and control.

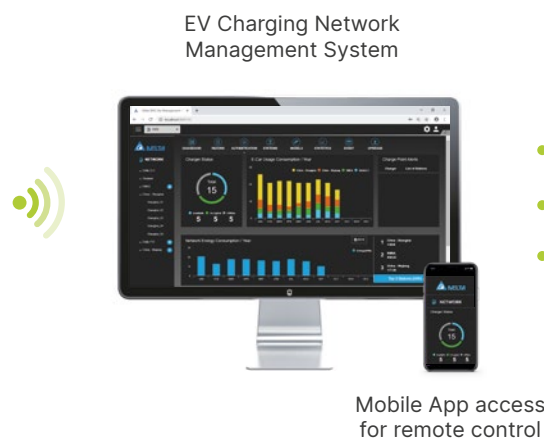


Application Scenario

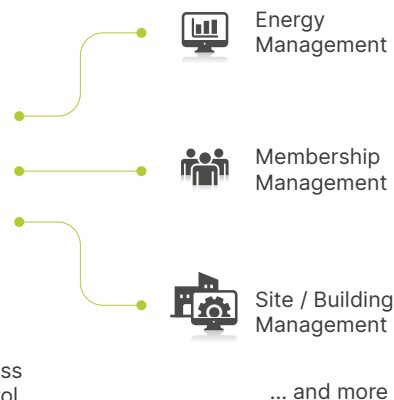
Charging Network



Backend Office



Applications



Feature Highlights



200kW fast charging
with $\geq 96\%$ efficiency

- Up to 200kW output per connector
- Charge two vehicles simultaneously with max. 200kW output
- Dynamic load distribution optimizes charging services



Complete system integration
for better charging services

- Supports OCPP 1.6J for backend office integration
- RFID and credit card reader conducts user identification and payment transactions



Advanced service
support for optimal operation

- Supports remote diagnostics channel and alarm code synchronization
- Supports OTA firmware updates
- Remote troubleshooting instruction

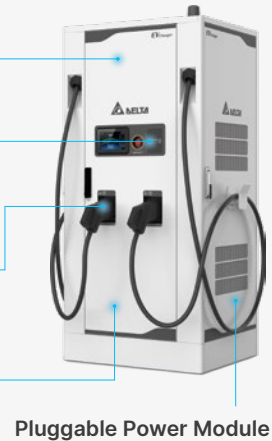
Product at a Glance

Network Connectivity
Ethernet, Cellular, WLAN

User Authentication
Credit card, RFID reader,
ISO 15118 PnC*

Charging Standard
CCS2

Protection
IP55, IK10



Pluggable Power Module

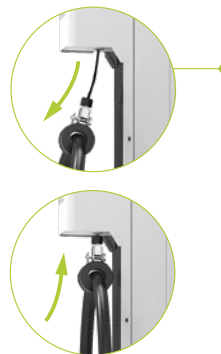
Cable Management

Balancing System for City Charger

A pair of balancing system stands is needed to manage the charging cables of dual-connector models. The design utilizes the weight stacks, paracord, and pulleys to balance the pull force on the charging cable. It provides a better user experience by helping the users hold the cable, move the charging cable, and return the charging cable more easily. In addition, the mechanism holds the cable so that it will be well organized instead of lying on the ground.

On-side Installation

Front side Installation



Balancing system for helping
users hold and move charging cable easier.

Specifications

Part Number	EIDS-E200TS	EIDS-E150TS
Description	200kW Dual Output DC Charger	150kW Dual Output DC Charger
Power Input		
Input Rating	380 - 415 Vac, 3-Phase, L1, L2, L3, PE, 50 / 60 Hz	
Power Factor	0.99	
Efficiency	≥ 96 %	
Power Output		
DC Output Interface	CCS2 + CCS2	
DC Output Voltage	150 - 950 Vdc	
DC Output Current	300 A, peak 400 A	
Protection		
Protection	Over current, Under voltage, Over voltage, Surge protection, Short circuit, Over temperature, Ground fault	
User Interface		
Network Interface	Ethernet, Cellular, WLAN	
Protocol	Backend system integration with OCPP 1.6	
Authentication	ISO / IEC 14443 A / B RFID, Credit card reader (Optional)	
Display	7 inch touch LCD panel	
Supported Language	English (Additional languages available on request)	
Button	Emergency button	
Environmental		
Operating Temperature	Operating from -30 °C to +40 °C, de-rating from +40 °C to +50 °C	
Storage Temperature	-40 °C to +85 °C	
Humidity	< 95 % relative humidity, non-condensing	
Altitude	2,000 m	
Mechanical		
Ingress Protection	IP55	
Enclosure Protection	IK10 according to IEC 62262	
Cooling	Forced air	
Dimension (W x H x D)	850 × 1800 × 680 mm	
Weight **	420 kg	400 kg
Charging Cable Length	4 m (Standard), 7 m (Optional)	
Regulation		
Certificate	IEC 61851-23, CE	
Installation		
Accessory	Cable management	

* ISO 15118 PnC and OCPP 2.0 in plan.

** Excluding charging connector cable.

Product outlook depends on configuration. Specifications are subject to change without notice.

Item	Cable Management
Manageable cable length	4 m
Placement	Front sides of charger, on-site installation
Dimension (W x D x H)	110 × 235 × 1800 mm, 32 kg
Recoiler cable length	2.6 m with paracord inside
Internal counterweight	Depending on the weight of the charging cable



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More information

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2023/02