



EV CHARGING SOLUTION

DC Charger / DC City Charger

Features

- 50kW/100kW dual interface simultaneous fast charging
- Dynamic load distribution shorten charging time
- RFID and ISO 15118 authentication for user management
- OCPP, SMS and network connectivity enables system integration
- IP55 and small footprint provides high adaptability
- 94% power efficiency and low standby power consumption for energy-saving



Highway
Service



Parking



Service
Station



Commercial
Building



Fleet



DELTA

Speed up Urban Life with EV Fast Charging

DC City Charger is an ideal solution with small footprint for enabling high efficiency cities charging service. It supports simultaneous charging output and load distribution to optimize utilization rate of the charging site.

DC City Charger is compatible to OCPP which allows further backend system integration like authentication, remote control and energy management.



Specifications

Part Number	EVHU104-	
Power Input	Single Output	Dual Outputs
Input Rating	480 Vac, 3-Phase, 50 / 60 Hz, L1, L2, L3, N, PE	
Power Factor	0.99 at nominal output	
Efficiency	94% at nominal output power	
Power Output		
Output Voltage	50 – 1000 Vdc	
Output Interface	DC output options: CCS1, CHAdeMO	
DC Output Current	200A max.	
DC Output Power	100kW max.	
Protection		
Protection	Over current, Under voltage, Over voltage, Surge protection, Short circuit, Over temperature, Ground fault	
User Interface & Control		
Display	7 inch LCD Touch Panel	
Support Language	English (Other languages available upon request)	
Push Buttons	1 Emergency Stop Button	
Charge Options	-	Simultaneous charging and configurable dynamic load sharing
User Authentication	ISO / IEC 14443 A / B Mifare RFID reader	
Communication		
Network Interface	Ethernet (Standard); Cellular / WLAN (Optional)	
Protocol	OCPP1.5-S, OCPP1.6-J, upgradable to OCPP2.0	
Environmental		
Operating Temperature	Operating from -22 °F to +122 °F (-30 °C to +50 °C), Derating from +122 °F to 140°F (+50 °C to +60 °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)	
Mechanical		
Ingress Protection	Type 3R	
Enclosure Protection	IK10 according to IEC 62262	
Cooling	Forced air	
Charging Cable Length	13 ft. (4 m) (Standard) ; 25 ft. (7.5 m) (Optional)	
Dimension (D x H x W) / Weight*	23.2 x 59.1 x 31.5 in. / 772 lb (590 x 1500 x 800 mm / 350 kg)	
Regulation		
Certificate	UL2202, UL 2231 CSA C22.2#107.1:2016 Ed.4, CSA C22.2#281.2 Issued: 2012/09/07 Ed:1	
Installation		
Accessory	Cable management, Basement	

*Dimension and weight including 4 m charging connectors, subject to variants.
Product outlook depends on configuration. Specifications are subject to change without notice.

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