

EV CHARGING SOLUTION DC Charger / DC City Charger

Features

- 50kW / 100kW simultaneous charging
- Dynamic load distribution optimizes charging service
- RFID, credit card and ISO 15118 user identification
- OCPP and network connectivity enables system integration
- Modular design ensures high availability
- IP55 and small footprint provides high adaptability
- 94% power efficiency for energy-saving





Speed up Urban Life with EV Fast Charging

DC City Charger is an ideal solution for high efficiency urban 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 user management, remote control and energy management.



Complete System Integration • Network Connectivity • Backend Compatibility

Energy Management

User Authentication Credit card, RFID reader,

Optimal Operation

Low Lifecycle CostHigh Availability Service

OTA Management

All-Weather Outdoor Design

ISO 15118

Feature Highlights

Network Connectivity Bluetooth, Ethernet, Cellular, WLAN

A DELTA

A NETA



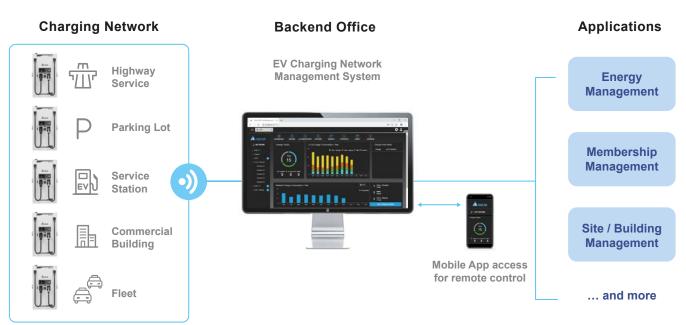
- Dynamic Load Distribution
- 94% Power Efficiency
- ISO 15118 Authentication

Charging Standard – CHAdeMO, CCS1

> Protection — NEMA 3R, IK10

> > **Pluggable Power Module**

Application Scenario



Specifications

| Part Number | EVHU104- | EVHU503- |
|--------------------------|---|---|
| Description | 100 kW Dual Output DC Charger | 50 kW Dual Output DC Charger |
| | | |
| Input Rating | 480 Vac, 3-Phase, 50 / 60 Hz, L1, L2, L3, N, PE L1, L2, L3, N, PE | 200-240 Vac, 3-Phase, 50 / 60 Hz, L1, L2, L3, PE 480 Vac, 3-Phase, 50 / 60 Hz, L1, L2, L3, N, PE 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 | 200 A max. | 125A max. |
| DC Output Power | 100 kW max. | 50kW 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 distribution (dual outputs) | |
| User Authentication | ISO / IEC 14443 A / B Mifare RFID reader | |
| Communication | | |
| Network Interface | Ethernet, Cellular, WLAN, Bluetooth | |
| Protocol | 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 | 13,000 ft. (4,000 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 (W x H x D) | 31.5 x 59.1 x 23.2 inch (800 x 1500 x 590 mm) | |
| Weight* | 772 lb (350 kg) | 640 lb (290 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 | |

* 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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More information

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