



# DC City Charger

## 120 kW (200-1000V dc)

### Key Features:

- Simultaneous charging of two vehicles.
- Easy to install, operate and service.
- More than 94% nominal efficiency.
- Wired/4G GSM connectivity for integration with CMS.
- User-friendly LCD display for customer interface.
- IP55 outdoor charging station.

### Applications



Highway  
Service



Parking



Service  
Station



Commercial



Fleet

# Product Specifications

| Input Power              |  |             |
|--------------------------|--|-------------|
| Input Voltage (AC)       | 3 Phase, 400 Vac (330 ~ 456 Vac), 50Hz                                     |             |
| Power Factor             | >0.99  |             |
| Nominal Efficiency       | ≥94%   |             |
| Wires                    | 5 Wire, L1, L2, L3, N, PE  |             |
| Output                   |  |             |
| Number of Outputs        | 2 Nos. (DC)  |             |
| DC Output                |  |             |
| Max. Output Power        | Up to 120kW  |             |
| Connectors               | CCS Type 2   | CCS Type 2  |
| Output Voltage           | 200-1000VDC  | 200-1000VDC |
| Output Current           | 200A Max.  | 200A Max    |
| Environment              |  |             |
| Operating Temperature    | -25°C to 55°C  |             |
| Storage Temperature      | -25°C to 70°C  |             |
| Altitude                 | ≤2000 Mtr.   |             |
| Humidity                 | <95%, non-condensing   |             |
| User Interface & Control |  |             |
| Display                  | 7" TFT LCD with Touch Control  |             |
| Language                 | English  |             |
| Key/Switch               | On/Off, Emergency Stop (Mushroom Headed Red Color)                         |             |
| User Authentication      | OTP/RFID based   |             |
| Visual Indication        | Mains, Charging Status, System Error                                       |             |
| Communication            |  |             |
| Charger & CMS            | Protocol: OCPP 1.6 (Open Charge Point Protocol)                            |             |
|                          | Interface : Ethernet, GSM - 4G   |             |
| Protection               |  |             |
| Protection & Safety      | Over Voltage, Under Voltage, Over Current, Short Circuit, Surge Protection |             |
|                          | Door open, Over Temperature, Ground Fault, Residual Current & Smoke        |             |
| Mechanical               |  |             |
| Ingress protection       | IP55   |             |
| Enclosure protection     | IK10   |             |
| Cooling                  | Forced Air Cool  |             |
| Wire length              | 5mtr. Standard   |             |
| Dimensions (HxWxD)       | 1700mm x 800mm x 600mm   |             |
| Weight                   | ~350Kg   |             |

Note: Max. Output Current 250A per gun available as optional.

\* All specifications are subject to change without prior notice.

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