DC FAST CHARGER

RCFDC-003

GB/T & CHAdeMO Chargers

SPECIFICATIONS

Power Input

- **Input Rating:** 415 Vac (+6% and – 10%), 50±1.5Hz, PF >0.98
- **Number of Phase / Wire:** 3 Phase, L1, L2, L3, N and PE (Ground) 5 Wire AC System
- **Current THD:** As Per IEC61000-3-12
- **Standby Power:** 1Hr. Internal Battery Backup for the Control System

Power Output

- **Output Rating:** 60 kW(Max)
- **Output Voltage:** 200-600 VDC
- **Output Current:** 100 A(Max)
- **Effciency:** >94%
- **No. of Output:** 2 Nos
- **Charging Interface:** 2 Nos (GB/T 20234.3 / CHAdeMO Connector with 5 m Cable)

Protection

- **Electrical Protection:** Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Earth Leakage, Ground fault - 30mA

User Interface & Control

- **Display:** 7"-TFT-display 800 x 480 pixel(s) Touch panel
- **Status Indicators:** Power, Status, Charge, Fault
- **Buttons and Switch:** Red Color Mushroom Headed Emergency stop button & Main On/Off Key switch
- **Authentication** App Based OTP & QR Code Authentication
- **Billing & Payment:** App Based Billing as per unit consumed & Online Payments
- **Charge Option:** App Based Charge Option: Charge by kWh, Time, Amount & Battery Capacity
- **Customer Interaction Panel:** App Based Real-Time Charging Monitor & Alert

Communication

- **Charging Protocol:** OCPP 1.6J
- **Between EVSE & CMS:** Ethernet, WLAN, 2G/3G/4G Dongles
- **Between EVSE & EV:** As Per AIS138-2 CAN Communication

Environmental

- **Operating Temperature:** Range 0 °C to +55 °C
- **Storage Temperature:** Range -20 °C to +70 °C
- **Humidity:** < 95% relative humidity, non-condensing
- **Altitude:** Up to 2,000 m (6,000 ft.)

Mechanical

- **Ingress Protection:** IP55
- **Enclosure Protection:** IK10 according to IEC 62262
- **Cooling:** Forced Air cooling
- **Mounting Type:** Ground Mounting
- **Dimension (W x H x D):** 750 x 1800 x 500 mm

Application

- **Commercial Charging**
- **Public Charging**
- **Fleet Charging**

0422 – 2975205 sales@rapidevcharge.com