



AC FAST CHARGER

RCFAC-001

(Type 2 AC Chargers)

SPECIFICATIONS

Power Input

- ✔ **Input Rating:** 415 Vac (+6% and - 10%), 32 A, 50±1.5Hz 22 kW
- ✔ **Number of Phase / Wire:** 3 Phase, L1, L2, L3, N and PE (Ground) 5 Wire AC System
- ✔ **Standby Power:** 1Hr. Internal Battery Backup for the Control System
- ✔ **Internal RCD:** RCD residual current device 30 mA

Power Output

- ✔ **Output Rating:** 415 Vac (+6% and - 10%), 3 Phase, 32 A, 50±1.5Hz 22 kW
- ✔ **No. of Output:** 1 No
- ✔ **Charging Interface:** IEC 62196-2 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:** LCD Display 20x4
- ✔ **Status Indicators:** Power, Status, Charge, Fault
- ✔ **Buttons and Switch:** Red Color Mushroom Headed Emergency stop button
- ✔ **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
- ✔ **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 IEC61851-1

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:** Natural cooling
- ✔ **Mounting Type:** Wall / Pedestal / Pole Mounted
- ✔ **Dimension (W x H x D):** 380 x 560 x 180 mm

Application

- ✔ **Community Charging**
- ✔ **Commercial Charging**
- ✔ **Public Charging**
- ✔ **Corporate Charging**
- ✔ **Fleet Charging**