

DC FAST CHARGER

Single gun (20 - 120kW)

Auto power select



Input Power

- Rating: 20 – 120kW
- Input voltage range: 3-phase, 410 VAC $\pm$ 10%
- Frequency: 50Hz

Output Port

- CCS2 – combined charging system (20 – 120kW)

User Authentication

- Seamlessly authenticate with RFID, QR code scan, and OCPP 1.6j based mobile app interface for a hassle – free charging experience.
- Offline authentication is also provided if the customer requires.

Connectivity

- Ethernet, 4G (OPTIONAL) for connectivity.

SPECIFICATIONS

Power Input

- ✎ **Input Rating:** 410 VAC $\pm$ 10%
- ✎ **Number of Phase / Wire:** 3 Phase - L1, L2, L3, N and PE (Ground) 5 Wire AC System
- ✎ **Input frequency:** 50Hz $\pm$ 10%
- ✎ **THD & Power factor:** 5% @ Nominal Voltage & 0.99 (Full load)

Power Output

- ✎ **Output Voltage:** 100 – 750 Vdc
- ✎ **Output Current:** 160A Max
- ✎ **Power Rating:** 20 – 120 kW
- ✎ **Output Port:** CCS2
- ✎ **Number of connectors:** Single gun
- ✎ **Efficiency:** $\geq$ 95%

Protection

- ✎ **Electrical protection:** Over current, Under voltage, Over voltage, Surge protection, Short Circuit, Over temperature, Earth Leakage, Ground fault - 30mA

Communication

- ✎ **Charging protocol:** OCPP 1.6J
- ✎ **Between EVSE & CMS:** Ethernet, 4G (OPTIONAL)

User Interface

- ✎ **Display:** 7 Inch LCD Display
- ✎ **Button and switch:** Red colour mushroom headed (Emergency stop button) and
- ✎ **Authentication:** RFID, Tucker App
- ✎ **Support Language:** English
- ✎ **Biling & payment:** App Based Billing as per unit consumed & Online Payments
- ✎ **Customer Interaction Panel:** App Based Real-Time Charging Monitor & Alert

Environment

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

Mechanical

- ✎ **Ingress Protection:** IP44
- ✎ **Encloser Protection:** IK 10 according to IEC 62262
- ✎ **Cooling:** Natural cooling
- ✎ **Mounting type:** Floor mounted
- ✎ **Dimensions (W x H x D):** 675 x 2012 x 690 mm