

TYPE 2 AC CHARGER

Single gun 7.4, 11 | 22, 43 kW



Input Power

- Rating: 7.4, 11 | 22, 43 kW
- Input voltage range: 1 - Phase, 230 VAC $\pm 10\%$ | 3 - Phase 410 VAC $\pm 10\%$
- Frequency: 50Hz $\pm 10\%$

Output Port

- Type 2 – 7.4, 11 / 22, 43 kW

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

- Interface options include 2G, 4G (optional) Ethernet, and WIFI for connectivity.

Indication

- LED – Power, Network, Charging, Error

SPECIFICATIONS

Power Input	7.4kW	11kW	22kW	43kW
🔌 Input Rating:	230 VAC ± 10	230 VAC ±10	410 VAC ±10	410VAC ±10
🔌 Number of Phase / Wire:	1 Phase - 3 Wire AC System		3 Phase – 5 wire AC System	
🔌 Input frequency:	50Hz +10%			
🔌 THD & Power factor:	5%@Nominal Voltage & 0.99(Full load)			

Power Output	7.4kW	11kW	22kW	43kW
Output Voltage:	230 V $\pm$ 10%	230 V $\pm$ 10%	410V $\pm$ 10%	410V $\pm$ 10%
Output Current:	32A MAX	32A MAX	32A AT Each Phase	32A AT Each Phase
Power Rating:	7.4kW	11kW	22kW	43kW
Output Port:	Type 2			
Number of connectors:	Single gun			
Efficiency:	100%			

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, Wi-Fi, 2G/4G (OPTIONAL)

User Interface

- Status indicator: Power, Network, Charging, Error
- Display: 3 Inch LCD Display
- Button and switch: Red colour mushroom headed (Emergency stop button)
- 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: IP 33
- Encloser Protection: IK 10 according to IEC 62262
- Cooling: Natural cooling
- Mounting type: wall mounted / pedestrian / pole mounted
- Dimensions (W x H x D): 250 X 350 x 85 mm