

240 kW DC Charger

Built-in Safety

- Over-Current
- Over-Voltage and Under-Voltage
- Ground Fault Detection
- Surge Protection
- Emergency Shutdown
- Polarity Reverse Protection
- Cable Temperature Detection
- Earth Detection

Design

- Three-phase input
- 2 x CCS2 (IEC 62196.3-2014)
- IEC 15118 EIM & PNC



Load Management

- Built-in energy meter
- Set up for external energy meter integration or dynamic load management
- Ready for integration with advanced smart building energy systems

Connectivity

- GSM, Ethernet, Bluetooth and Wi-Fi
- OCPP 1.6J Compliant (Upgradable to 2.1)
- Authentication via App or RFID
- Configuration via Commissioning App

Input Supply

Input Voltage	415 VAC (±15%) 3-phase, 50 Hz
Wires	Three Phase (L1, L2, L3, N, PE)

Output Power

Output Interface Option	CCS2
Output Power	360 kW (120 + 120 kW Split)
Output Current	500 A (250 A per gun x 2)

Electrical Parameter

Efficiency	95% at nominal output power
Power Factor	0.99 at nominal output power
Current THD	5% at nominal output power

Environment

Operating Temperature	-10°C to +55°C (derating applies)
Recommended Storage	2000 m
Altitude Humidity Noise Level	5% to 95%, non-condensing ≤ 60 dB

User Interface and Control

Display	10.1" TFT LCD Touch Screen
Emergency Stop	Mushroom Type
User Authentication	Mobile Application/QR Code/Rfid Cards/Password login/Optional Auto Charge Functionality/Optional UPI
Visual Indication	RGB Neo Pixel LEDs
RFID Specifications	RC 522, ISO/IEC 14443A, MIFARE

Protection

Protection	Over-Voltage, Over-Current, Under-Voltage, Surge, Over-Temperature, Ground Fault, Polarity Reverse, Insulation Monitoring, Leakage, Cable Temperature Detection, Earth Detection, Emergency Shutdown, Short Circuit
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Communication

Network Connection	GSM/3G/4G, Ethernet, Wi-Fi, Bluetooth
Communication Protocol	OCPP 1.6J (Upgradable to 2.1)
Vehicle	IEC 61851, ISO 15118, DIN 70121

Mechanical

IP Rating Shell	IP55
Material Cooling	Air Cooling
Cable Length	15 ft
Product Dimension (L*W*H)	800 x 680 x 2002 mm
Product Weight	400 kg

Certifications

Certificate	IS 17017 Series, ARAI in progress
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