

POWER THAT PERFORMS

12 kW LEV DC CHARGER

High performance, protection, and safety.



**ARAI in Progress*



BUILT-IN SAFETY

- Over-Current
- Over-Voltage and Under-Voltage
- Ground Fault Detection
- Surge Protection
- Emergency Stop Machine
- Polarity Reverse Protection
- Earth Presence Detection



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



DESIGN

- Single Phase & Three Phase
- Type 6 & Type 7 Charging Gun



CONNECTIVITY

- GSM / 3G / 4G, Ethernet, Bluetooth and Wi-Fi
- OCPP 1.6J (Upgradable to 2.1)
- Authentication via App or RFID
- Configuration via App, Web Portal

12 kW **Single** Gun

12 kW **Dual** Gun

Input Supply

Input Voltage	415 VAC ($\pm 10\%$), Three Phase, 50 Hz	415 VAC ($\pm 10\%$), Three Phase, 50 Hz
Wires	Three Phase (L1, L2, L3, N, PE)	Three Phase (L1, L2, L3, N, PE)

Output Power / Supply

Output Interface	Gun: Type 6 / Type 7	Gun 1: Type 6, Gun 2: Type 7
Output Power	12 kW	12 kW (6 + 6 kW Split)
Output Current	125A	200A (100A per Gun x 2)

Electrical Parameter

Efficiency	96% 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)
Storage Temperature	-10°C to +70°C (Dry Environment)
Altitude	2000 m
Humidity	5% to 95%, non-condensing
Noise Level	≤ 55 dB

User Interface and Control

Display	4.3" LCD Touch Screen
Emergency Stop	Mushroom Type
User Authentication	App / QR / RFID / Password / Optional Auto charge / Optional UPI
Visual Indication	RGB Neo Pixel LEDs
RFID Specifications	RC522, ISO / IEC 14443A, MIFARE

Protection

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

Communication

Network Connection	GSM / 3G / 4G, Ethernet, Wi-Fi, Bluetooth
Protocol	OCPP 1.6J (Upgradable to 2.1)
Vehicle Standards	IEC 61851, ISO 11898-1, DIN 11898-2

Mechanical

IP Rating	IP54	
Cooling	Air Cooling	
Cable Length	15 ft. Standard	
Product Dimension (L*W*H)	1720 mm * 540 mm * 275 mm	525 mm * 270 mm * 700 mm
Product Weight	130 kg	60 kg