



24x7 EV STATION

LEVDC 12 KW CHARGER

Model no: LD1201

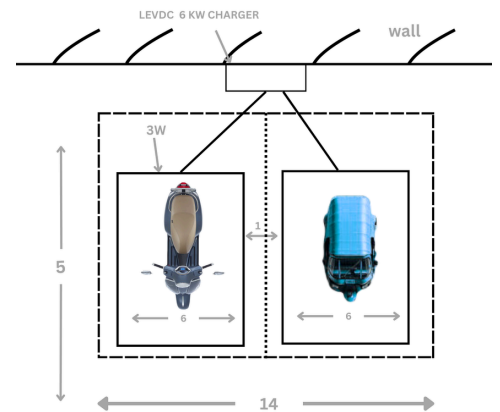
Key Features :

- Designed & Manufactured in India with ~60% DVA (Domestic Value Addition)
- Battery Backup | RFID
- High Speed Charging with 1000V module
- Advanced Safety Protections including provision for Smoke & Tilt Sensors
- High Efficiency >92%
- Onboard Temperature Sensor
- Upgrade Power Rating by stacking additional modules
- Ethernet | Wifi | 4G
- OCPPv1.6J
- Type 6 (IEC62196-6)



Safety Features :

- Varistor Fault Detection
- Type B Earth Leakage Protection
- Surge Protection upto 8kV
- Over Temperature Protection
- Overvoltage Protection
- Relay Welding Protection
- Over Current Protection
- Onboard GFCI Protection



Min.70sq.ft area is needed to install & operate LEVDC 12kwCharger.

Applications



Restaurants



Highways



Commercials



Parkings



Housing societies



Malls



Stores



Educational institutes



• **POWER**

CHARACTERISTICS	12KW LEVDC CHARGER
Rated Power	12 KW
Input voltage	346 - 412Vac, 3 phase (L1,L2,L3,N,PE), 50±1Hz
Number of Output	Dual
DC Output current	100A per output
Output Charging Outlet	2 x 6kW (IEC62196-6 Type 6)
DC Output Voltage	40-68Vdc
Battery Backup	Battery Backup for controlling unit > 60 mins
Efficiency	≥92%
Power Factor	>0.95

Currently Type 6 connector is used by certian brands like 3W like Altigreen, Suraj Automative, ETO Motors & 2W Ola S1 Pro, Tork Kratos R, Ultraviolette F77 and many more are launching soon.



• **Controls and User Interface**

Display	4.3"HMI LCD Display Touchscreen (Faults / Charging status/ Supply/ Connectivity status)
LEDs	LEDs for charging/fault modes
User Authentication	RFID + OCPPv1.6

• **Environment**

Ambient emperature	0°C to 55°C
Storage Temperature	-20°C to 85°C
Altitude	<2000 Mtr
Humidity	<95%, Non condensing

• **Communication**

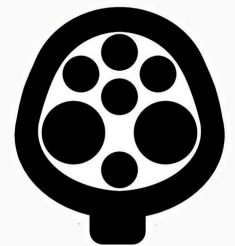
External	WiFi, LAN / 4G (with signal boosting Antenna), RS485, OCPPv1.6
Metering and Billing	Class 1 Energy Metering
Charging Operation	RFID Card / QR Code / Mobile CMS App (OCPPv1.6)

• **Protection/Safety**

Input/ Output protection	Over/Under Voltage, Overload, Short Circuit, Current Leakage, Grounding, Surge protection, Relay Welding, Over Temperature
Mechanical Protection	Enclosure Mechanical Strength IK-08, IP55 for Outdoor use, Flame Retardant Grade UL94 V-0, Anti-Theft Mounting Design, Safety Lock
Mounting	Wall/ Stand Mount
Push Button	Mushroom Push Button for Emergency Stop
Cooling	Forced Air Cooling
Input/ Output protection	Over/Under Voltage, Overload, Short Circuit, Current Leakage, Grounding, Surge protection, Relay Welding, Over Temperature

• **Certifications**

As per	IEC 61851 / AIS 138 Part-1 / IS-17017
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Type 6 Connector