



24x7 EV STATION

6 KW LEVDC Charger

Model no : LEVDC6001

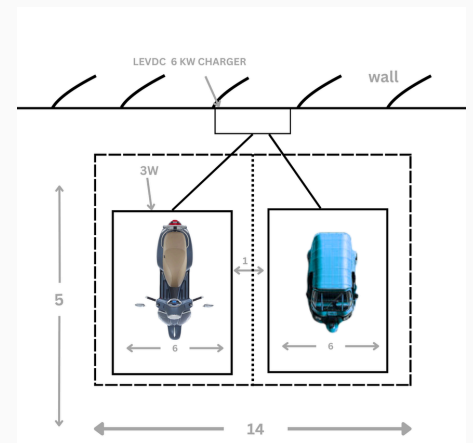
Key Features :

- Anti-Theft Mounting
- OCPP | RFID | QR Code
- Highest safety features in the industry compliant with global standards
- Battery Backup | RFID
- LEDs to indicate charging modes
- Ethernet | Wifi | 4G
- Self-healing with smart Auto-Recovery from faulted stage
- Temperature Sensor on Gun side (Optional)
- Boasts IP55 water & dust protection



Safety Features :

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



Min.70sq.ft area is needed to install & operate LEVDC 6kw Charger.

3.3kw EV Charger requires :- 1 phase 3.3kw Power connection





POWER

CHARACTERISTICS	6 KW LEVDC CHARGER
Rated Power	6.0 KW
Input voltage	170Vac - 270Vac, 1-Phase
Number of Output	2
Output current	100 A
Output Charging Outlet	IEC-62196-6 (Type-6) With 2.0mtr cable
Output voltage	20-90V VDC
Battery Backup	Battery Backup for controlling unit > 60 mins

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.

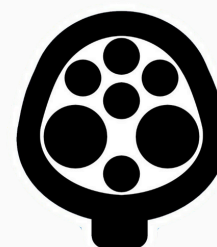
Functional & User Interface

Display	-
Emergency Stop	Mushroom Type
Visual Indications	Power , Charging ,Fault status



Environment

Operating Temperature	-10°C to 55°C
Ingress Temperature	IP5 4
Altitude	<2000 Mtr
Humidity	<95%, Non condensing



Type 6 Connector

Protection, Metering & Communication

Over Current Protection	Power output is terminated upon detection of overcurrent
Residual Current Detection	30 Ma AC
Eletrical Protection	Over current, short circuit, Over voltage, Under voltage, Ground fault, Surge, and Over temperature protection
Energy Meter	Class 1.0 (Independent Meter for each Port)
Charger & CMS	OCPP 1.6J with Over the Air Upgrade Support
Network Connection	4G/2G (SIM) and/or Wi-Fi
Charging Protocol	IEC-61851-25 & IS-17017-25 (Indian LEV-DC Standard)

Standards & dimensions

Standards	IS-17017-25, IEC-61851-25
Dimensions (WxHxD)	650mm x 360mm x 300mm