# iGreenVOLT

# 7.4kW Type2 AC EV CHARGER

**EV Charging Made Easy**

ARAI
Progress through Research
CERTIFIED

MAKE IN INDIA

CERTIFIED
ISO
9001:2015
COMPANY

Reliable and Efficient
EV Charging Solutions

**7.4kW TYPE – 2 AC EV CHARGER**

Serving all types of vehicles and charging needs, perfectly compatible with Type2 Connectors, our AC chargers offer versatile charging solutions anywhere and guarantee smooth backend compatibility, an intuitive user experience, and simple integration with your existing business operations.

Ensure swift and intelligent charging experiences for your electric vehicle journeys with our 7.4kW AC Charger.

AC Chargers are Best Suitable for Residential, Apartments, Commercials or workplaces.

## OVERVIEW

- Supports AC output.
- IEC-62196 control standard Type-2 compliant.
- Dedicated Energy Meter at output.
- OCPP compliance enables backend system integration.
- Wireless connectivity for integration with CMS.
- Over-The-Air (OTA) Remote diagnostics, repairs and updates.
- LCD display, displays the charging session parameters.
- Easy to install, operate and service.
- Status Colour LED (Power, Available, Fault, Charging).
- Indoor and Outdoor installation.

## A SELECTION OF DC FAST CHARGER FEATURES

EMC Certified

IK10 Impact Resistant

RFID Key Fob/Card Operated

OCPP
Open Charge Point Protocol

IEC
Conforms to IEC 61851-1

Nationwide Installation & Maintenance

Branding Options

# TECHNICAL SPECIFICATIONS

| MODEL | Powerlogix-T2-U7-G1 |
|---|---|
| **INPUT SPECIFICATIONS** | |
| Input Voltage (AC) | 230V, 1ph, 3Wire (L, N, PE) |
| No. of Phase / wire | 1ph, 3Wire (L, N, PE) |
| Input Frequency | 50 Hz +/- 1Hz |
| **OUTPUT SPECFICATIONS** | |
| Output Power | 7.4kW |
| Output Voltage | 230VAC |
| Output Current | Max. 32Amp |
| Output Charging Interface | IEC-62196-2 (Type-2 cable) |
| Output NOs. | 1 (Single Gun) |
| **PROTECTION** | |
| Electrical Safety: General | Overload, Short Circuit, Overcurrent, Under / Over Voltage, Under / Over Temperature, Residual Current (30mA+6mA), Surge Protection, Weld Detection, Grounding Protection. |
| Electrical Safety: Output Short | Output power disabled when output is short circuited |
| Electrical Safety: Temperature | Temperature Sensor @ Cabinet |
| Emergency Stop | Emergency Stop (Mushroom Headed Push Button) Disables Output Power |
| **USER INTERFACE AND CONTROL** | |
| Display / Language | Min. 2.8" colour LCD display (All the Ongoing Parameters of Charging Session are displayed on the display) |
| Energy Metering | MID certified AC Energy Meter for Output with cumulative |
| User Authentication | Mobile App/ QR code / Anonymous (As per requirement) |
| RFID System | ISO/IEC 14443A/B |
| Visual Indication | Using LED (Power, Available, Fault, Charging) |
| **COMMUNICATION** | |
| Network Interface | Ethernet, Wi-fi, BLE, RS485, 4G/2G |
| Charger & CMS | OCPP1.6j |
| **ENVIRONMEMNT** | |
| Ambient Temperature | -20 ~ 55 deg C |
| Storage Temperature | -20 ~ 75 deg C |
| Humidity | 0~95% RH Non - condensing |
| Altitude | Up to 2000m |
| Cooling | Natural Cooling |
| **MECHANICAL** | |
| Material | Mild Steel |
| Ingress Protection | IP55 for outdoor use |
| Mounting | Wall/Pole Mounted |
| Finish | Powder-coated for corrosion resistance |
| Dimension WxDxH | (250 X 450 X 150) mm |
| Gross Weight (kg) | Approx. 11kg |
| **STANDARDS** | |
| Safety & EMC | Complaint to IS 17017; IEC 62196-2; IEC61851; IEC 61000. |
| Certification | ISO 9001/14001/ CE |

*Specifications are subject to change without prior notice.

# CONTACT US

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