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

iGreenVOLT

AC EV CHARGERS

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 AC FAST CHARGER FEATURES

EMC Certified

IK10 Impact Resistant

RFID Key Fob/Card Operated

Conforms to IEC 61851-1

Nationwide Installation & Maintenance

Branding Options

Open Charge Point Protocol

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 or 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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