



iGreenVOLT

60kW CCS2 DC FAST CHARGER

EV Charging Made Easy



Reliable and Efficient
EV Charging Solutions

CCS2 60kW DC FAST CHARGERS

Serving all types of vehicles and charging needs, perfectly compatible with CCS-2 Connectors, our fast DC 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 60kW DC Charger.

DC fast Chargers are Best Suitable for EV Fleets, Highways, Commercials or Public Parking lots.

OVERVIEW

- Supports DC output either 30kW or 60kW (Single/Dual).
- IEC-62196 control standard CCS2 compliant.
- Dedicated Energy Meter per output.
- OCPP compliance enables backend system integration.
- Wireless connectivity for integration with CMS.
- Over-The-Air (OTA) Remote diagnostics, repair and updates.
- Touch screen display with User-Friendly Interface.
- 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



CCS Rapid DC Connector



RFID Key Fob/Card Operated



Open Charge Point Protocol



Conforms to IEC 61851-1



IK10 Impact Resistant



Nationwide Installation & Maintenance



Branding Options



TECHNICAL SPECIFICATIONS

MODEL	Powerlogix-C2-U60-G2
INPUT SPECIFICATIONS	
Input Voltage (AC)	380V / 400V / 415V, 3ph, 5Wire (L1, L2, L3, N, PE)
Input Frequency	50 Hz +/- 1Hz
Power Factor	>0.99
THD	≤5%
Efficiency	≥95% at nominal power
OUTPUT SPECIFICATIONS	
Output Power	60kW (30kW + 30kW OR 60kW Single Gun Dynamic)
Output Voltage	100 - 1000VDC
Output Current	100A per Gun Simultaneously OR 200A on Single Gun
Output Charging Interface	IEC-62196-3 (CCS2 cable)
Output NOs.	2 (Dual Gun)
PROTECTION	
Electrical Safety: General	Short Circuit, Overcurrent, Under / Over voltage, Surge protection, Smoke Detection, DC Insulation Monitoring
Electrical Safety: Output Short	Output power disabled when output is short circuited
Electrical Safety: Temperature	Temperature Sensors @ Charge Coupler and Power Electronics
Emergency Stop	Emergency Stop (Mushroom Headed Push Button) Disables Output Power
USER INTERFACE AND CONTROL	
Display / Language	7 inch LCD touch Screen or above / English & Hindi (All the Ongoing Parameters of Charging Session are displayed on the display)
Energy Metering	Independent DC and AC Energy Meter for each Output and Input & 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	Forced Air (Cooling Fan)
MECHANICAL	
Material	Mild Steel
Ingress Protection	IP54 for outdoor use
Mounting	Floor Mounted
Finish	Powder-coated for corrosion resistance
Dimension WxDxH	(700 X 800 X 1715) mm
Gross Weight (kg)	Approx. 250kg
STANDARDS	
Safety & EMC	Complaint to IEC61010 -1, IEC61000-4, IEC62196
Certification	ISO 9001/14001/ CE

*Specifications are subject to change without prior notice.

CONTACT US

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