



24x7 EV STATION

120 / 240KW DC ULTRA-FAST CHARGER

120kw DC Charger Model no : DC1201
240kw DC Charger Model no : DC2402

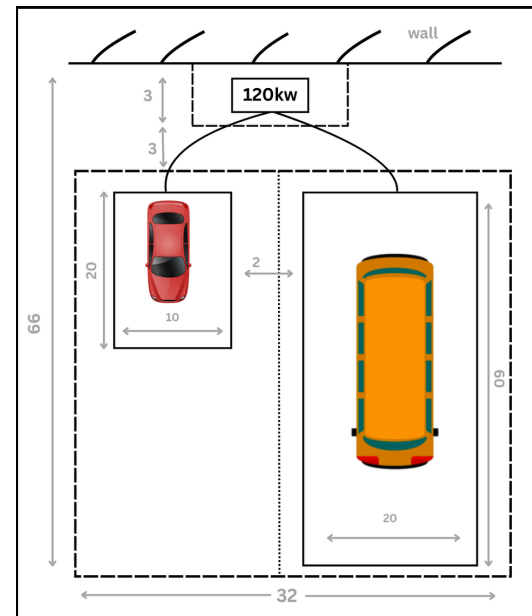
Key Features :

- Battery Backup | RFID
- High Speed Charging with 1000V module
- Advanced Safety Protections including provision for Smoke & Tilt Sensors
- High Efficiency >95%
- Onboard Temperature Sensor
- Upgrade Power Rating by stacking additional modules
- Ethernet | Wifi | 4G
- OCPPv1.6J with Autocharge
- Optional feature: Cable Management System



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. 1000sq.ft area is needed to install & operate DC Ultra Fast Charger.

Applications



Highways



Commercials



Parkings



MALLS



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• POWER

CHARACTERISTICS	120 KW CHARGER	240 KW DC CHARGER
Rated Power	30 KW	60 KW
Input voltage	3-Phase, 415V (+6% and -10%)	
Number of Output	Single Gun	Dual gun
Output current	200 Max	250A Max
Output Charging Outlet	Combined Charging System Combo 2 (CCS2)	
Output voltage	200-1000 VDC	200-1000 VDC
Efficiency	≥95%	
Power Factor	20.98	
Battery Backup	Battery Backup for controlling unit > 60 mins	



• Controls and User Interface

Display	7" TFT LCD Display Touchscreen (Optional 10" size)
LEDs	LEDs for charging/fault modes
User Authentication	RFID + OCPPv1.6

• Environment

Ambient emperature	-20°C to 55°C
Storage Temperature	-40°C to 70°C
Altitude	2000 Mtr
Humidity	<95%, Non condensing

• Communication

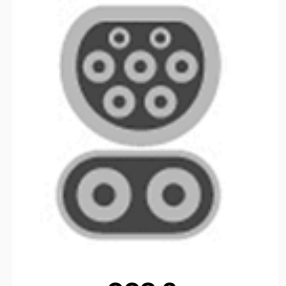
External	WiFi, RS485, LAN/4G + OCPPV1.6
Metering and Billing	Class 1 Energy Metering
Charging Operation	Autocharge / RFID Card / QR Code / Mobile CMS App (OCPPV1.6)

• Protection/Safety

Input/ Output protection	Over/Under voltage protection, Overload protection, Short circuit protection, Current leakage protection Grounding protection, Surge protection, Over temperature, Relay welding protection & Reverse polarity protection
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 Moun
Charging Cable	High quality cable Silver-plated power contacts, Replaceable mating frame and two temperature sensors for both the power contacts (DC+ and DC-) Mating Cycles > 10,000 (Optional Upgrade>30,000 Cycles), Cable Management System (Optional)
Push Button	Mushroom Push Button for Emergency Stop
Cooling	Forced Air Cooling

• Certifications

As per	IEC 61851 / AIS 138 Part-1 / IS-17017
Certification	ARAI, CE



CCS 2
CONNECTOR TYPE

