

➤ Technical Parameter

- ✓ Ideal for Commercial EV Charging
- ✓ Input: AC415±15% | Output: 120kW (250A Max)
- ✓ CCS2 Connector | OCPP v 1.6J Compatible |
- ✓ 96% Efficiency | Ultra-Low Idle Power (800W)

➤ Advanced Features

- ✓ 10" LCD Touch Display
- ✓ RFID card reader & App Authentication
- ✓ Smart Auto-Charge with MAC ID Registration

➤ Unmatched Safety & Reliability

- ✓ Emergency Stop | 18+ Protection Features
- ✓ Robust IK10 & IP54 Protection – Indoor/Outdoor applications.

➤ Exclusive E-FUEL Advantages

- ✓ Extended Voltage Range
- ✓ Smart Auto-Charge
- ✓ Advanced Remote Control – Through SOTA
- ✓ One Controller for All Chargers



	Parameters	Requirements
GENERAL INFORMATION	EV Charger Type	DC CCS-2
	Charger Capacity	120KW Commercial Charger
	Mounting & Cable routing	Floor Mounting & Bottom Entry
INPUT REQUIREMENT	AC Supply System	3-Phase, 5 Wire (3P, N, PE) AC System
	Input voltage & Current	AC415 $\pm$ 15% & 186Amp
	Wires	5 Wires (L1, L2, L3, N, PE)
	Frequency	50Hz $\pm$ 1%
OUTPUT POWER	No of outputs	02
	Output Connectors	CCS-2 connector
	Charging Interface	IEC 62196, 61851, CCS2
	Output Voltage & Current	200 VDC – 1000 VDC & 250Amp Max
	Power Factor	$\geq$ 0.98(50% load above)
ENVIRONMENT	Ambient Temperature	-25 degree to 65 degrees
	Altitude & Humidity	<2000 Mtr & 5% to 95%, non-condensing
	Cooling Method	Air Forced Cooled
USER INTERFACE & Control	Charging Type	HMI/APP/CMS
	Display & Language	10" Display & English
	Push Button	Emergency Stop
	User Authentication	Mobile / QR Code / RFID / Password login
	Metering Information	Consumption Units(kWh) On DC side
COMMUNICATION	Network Connectivity	LAN/GSM/Wi-Fi
	Firmware (between EVSE & CMS) & Connectivity	OCCP v.1.6J or above
	Communication between charger & vehicle	PLC Based Communication
	Firmware & PLC Updates	Through SOTA dashboard
MECHANICAL	IP Rating	IP54 / IK 10
	Cable Length	5 Mtr
	Dimension & Weight	750*750*1850 MM & 320kg
	Enclosure materials	Carbon steel
	Protection & Safety Parameters	Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, Door opening protection etc.
	Compliance/Standard	IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-2; IEC 62196-3; IEC 61000; DIN 70121, ISO15118
	Certification/Approvals	CE, CPWD, CPRI, BEL, AAI, ARAI, NABL
	Warranty	12 Months

