

# Driving India's EV Charging Innovation



## 100% Made in India

We are the first Indian DC Fast Charger OEM to design, develop and manufacture the Power Modules, PLC Controller, Insulation Monitoring Device, OCPP 2.0.1 controller, DC Charge Controller and HMI design indigenously. The complete software and hardware stack is developed in-house



## Key Features

- SiC Mosfet based technology, with highest Power Efficiency with 35% less power loss!
- Operates efficiently at high Indian summer temperatures
- Designed and developed for Indian Grid conditions
- OCPP 1.6 and 2.1 Compliant with PlugNCharge and AutoCharge enabled
- High reliability with 24/7 remote monitoring and local support
- Fully indigenous customizable software stack

## 120 kW Product Specifications

(for other specifications visit our website)

Parameters	Rated Capacity	120 KW
Input Parameters	Input Voltage Range (L-L) Input Frequency Range Input Current T.H.D. Power Factor Input Voltage type	350 V – 460 V 47.5 – 52 Hz ≤ 2.0% @ nominal voltage ≥ 0.995 (full load) 3 Phase, 5 Wire
Power Output	Output Voltage Output Current Standard / Connector No. of Connectors / Guns Efficiency (@ Nominal input)	Ultra-Wide (100 - 1000)Vdc Max. 150 A CCS-2 2 ⇒ 96% (@ rated load, 450 V output, each gun)
Protection & Safety	Safety Parameters	Input Over Voltage, Input Under Voltage, Over Current, Short Circuit, Surge Protection, Over Temperature, Ground Fault Protection, Residual Current, Emergency Shut-down with alarm
Interface and Control Functions	Display Screen Languages Supported Push Button Visual Indication  User Authentication	7/10 inch TFT LCD Touch Screen English Emergency Stop Presence of Input Supply, Error Indicator, State of Charge  Mobile Application, QR Code, RFID Card, Password Login
Communication	Between EV Charger and EV  Between EV and Central Server	DIN SPEC 70121/ ISO 15118 communication protocol  OCPP 1.6J/OCPT 2.0.1 software protocol via Wifi or GSM Modem (2G/3G/4G) or Ethernet (Optional)
Mechanical	Protection Cooling Charging Cable Length Operating Temperature Storage Temperature Humidity Weight Dimensions (mm)	IP 54 Forced Air Cooling 5m -25 ° C to 55 ° C -25 ° C to 55 ° C 5% to 95% Less than 350 kgs 1850 (H) X 1064 (W) X 790 (D)