CCS-2
30kW



Input Voltage (VAC)	3-Ph 400V (+/-10%)
Efficiency (%)	≥95%
Input Frequency (Hz)	50 Hz (+/- 3 Hz)
Input Current (A AC)	<50 A
Wires	5 wire (L1,L2,L3, N,PE)
Standby Power	<40W
Power Factor	>0.98 (50%-100% Load)
Current THD	<=5% (50% to 100%) as per IEC 61000-3-12
Number of Outputs	1
Output Connector type	IEC 62196-3 (CCS-2)
Output Voltage (V)	150-1000V DC
Max. Output Current (DC)	Max. 100A DC
Max. Output Power Rating (kW)	Max 30 kW DC
Display	7" TFT Color Touch Screen
Electrical metering	To comply with IEC 62052-11 & IC 62053-21
Emergency Push Button	Provided
User Authentication	RFID / Mobile App based
Visual Status Indication	LCD and LED for Mains available, Charging status, System error
Charging Mode	IEC 61851-1 (Mode-4)
Charger and Vehicle Communication	Power Line Communication (PLC)
Charger and CMS communication	Open Charge Point Protocol 1.6J
Compliance	IS17017-1 / IEC61851-1
Charger Interface	LAN / 4G (M2M) / Wi-Fi (RS485-Optional)
Remote Firmware Update	FOTA
Protections	Input Over Voltage, Input Under Voltage, Input Short Circuit, Input over Current, Connection Abnormality, Emergency Stop, Surge Protection, Residual Leakage Current-30mA, Ground Fault, Output Over Current, Over Temperature (Derating/Shutdown), Insulation Resistance Monitoring, Smoke Detector (Optional)
EMI/EMC	Immunity to Electro Static Discharge (IEC 61000-4-2), Voltage Dips and Interruptions (IEC 61000-4-11), Electric Fast Transient (IC 61000-4-4), Voltage Surge (IC 61000-4-5), Radiated Emission, Conducted Emission, Radiated Immunity, Conducted Immunity.
Ambient Temperature	-20° to +55°C (derating from +55°C to +65°C)
Relative Humidity	<95%, non-condensing
Place of installation	Indoor / Outdoor
Ingress Protection	IP55
Enclosure Protection	IK10
Cooling	Forced Air Convection
Charging wire length	5 Mtr
Payment systems	Billing & transaction with various modes of payment
Memory Storage	To store 50 event logs & last 50 charging session information
Application	4W, Buses
Battery Back-Up (For Display Only)	15 minutes (Optional)
Max. dimension (W X D X H) mm	700 x 295 x 625 (Pole height -1400mm)
Max. Weight (KGs)	70
Installation Type	Wall/pole mounting