

CCS-2 30kW

Input Voltage (VAC)

3-Ph 400V (+/- 10%)

Output Voltage (V)

150-1000V DC

Max. Output Power Rating (kW)

30kW DC

Display

7" TFT Color Touch Screen

User Authentication

RFID / Mobile App based

Charger and Vehicle Communication

Power Line Communication (PLC)

Charger Interface

LAN / 4G / WiFi

Place of Installation

Indoor / Outdoor

Ingress Protection

IP54



Applications



HIGHWAY



PARKING



SERVICE
STATION



COMMERCIAL



FLEET



RESIDENTIAL



HOTEL

CCS-2

30kW

Input Voltage (VAC)	3-Ph 400V (+/-10%)
Efficiency (%)	>94%
Input Frequency (Hz)	50 Hz (+/-1.5 Hz)
Input Current (A AC)	<50 A
Wires	5 wire (L1,L2,L3, N,PE)
Standby Power	40W
Power Factor	>98
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 & IEC 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	AIS138 / ISI7017-1 / IEC61851-1
Charger Interface	LAN / 4G / WiFi
Remote Firmware Update	FOTA
Protections	Input Over Voltage, Input Under Voltage, Input Short Circuit, Input over Current, Connection Abnormality, Emergency Stop, Surge Protection upto 4KV, Residual Leakage Current-30mA, Ground Fault, Earth Presence Monitoring, Output Over Current, Over Temperature (Derating/Shutdown), Insulation Resistance Monitoring Reverse Battery Connection
EMI/EMC	Immunity to Electro Static Discharge (IEC 61000-4-2), Voltage Dips and Interruptions (IEC 61000-4-11), Electric Fast Transient (IEC 61000-4-4), Voltage Surge (IEC 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	IP54
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. To store last 50 charging session information
Application	4W, Buses
Battery back-up	15 minutes (Optional)
Max. dimension (W X D X H) mm	700 x 295 x 625
Max. Weight (KGS)	70KG
Installation Type	Wall/pole mounting

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Product improvement is a continuous process at 'LUBI'. The data given in this publication is therefore subject to revision.