

CCS-2

60kW, 120kW & 240kW

Input Voltage (VAC)

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

Output Voltage (V)

150-1000V DC

Max. Output Power Rating (kW)

60 kW, 120 kW, 240 kW 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

60kW

Input Voltage (VAC)	3-Ph 400V (+/-10%)		
Efficiency (%)	>94%		
Input Frequency (Hz)	50 Hz (+/-1.5 Hz)		
Input Current (A AC)	<100 A		
Wires	5 wire (L1,L2,L3, N,PE)		
Standby Power	50W		
Power Factor	>98		
Current THD	<=5% (50% to 100%) as per IEC 61000-3-12		
Number of Outputs	2		
Output Connector type	IEC 62196-3 (CCS-2)		
Output Voltage (V)	150-1000V DC		
Max. Output Current (DC)	Max. 200A DC		
Max. Output Power Rating (kW)	60KW DC (30KW/Gun)		
Output Load Sharing	Yes It will deliver 100% power to one gun when only one gun is in use. The charger will share the power in both guns when both guns are in use.		
Display	7" TFT Color Touch Screen		
Electrica 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	Powe Line Communication (PLC)		
Charger and CMS communication	Open Charge Point Protocol 1.6J		
Compliance	AIS138 / IS17017-1/ 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 (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	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. Weight (KGS)	230KG
Max. dimension (W X D X H) mm	750 x 720 x 1500	Installation Type	Floor mounting

LUBI EV SOLUTIONS

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

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120kW

Input Voltage (VAC)	3-Ph 400V (+/-10%)		
Efficiency (%)	>94%		
Input Frequency (Hz)	50 Hz (+/-1.5 Hz)		
Input Current (A AC)	<200 A		
Wires	5 wire (L1,L2,L3, N,PE)		
Standby Power	50W		
Power Factor	>98		
Current THD	<=5% (50% to 100%) as per IEC 61000-3-12		
Number of Outputs	2		
Output Connector type	IEC 62196-3 (CCS-2)		
Output Voltage (V)	150-1000V DC		
Max. Output Current (DC)	Max. 250A		
Max. Output Power Rating (kW)	120KW DC (60KW/Gun)		
Output Load Sharing	Yes It will deliver 100% power to one gun when only one gun is in use. The charger will share the power in both guns when both guns are in use.		
Display	7" TFT Color Touch Screen		
Electrica 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	Powe Line Communication (PLC)		
Charger and CMS communication	Open Charge Point Protocol 1.6J		
Compliance	AIS138 / IS17017-1 / 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 (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	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. Weight (KGS)	280KG
Max. dimension (W X D X H) mm	750 x 780 x 1500	Installation Type	Floor mounting

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240kW

Input Voltage (VAC)	3-Ph 400V (+/-10%)		
Efficiency (%)	>94%		
Input Frequency (Hz)	50 Hz (+/-1.5 Hz)		
Input Current (A AC)	<375 A		
Wires	5 wire (L1,L2,L3,N,PE)		
Standby Power	50W		
Power Factor	>98		
Current THD	<=5% (50% to 100%) as per IEC 61000-3-12		
Number of Outputs	2		
Output Connector type	IEC 62196-3 (CCS-2)		
Output Voltage (V)	150-1000V DC		
Max. Output Current (DC)	Max. 250A DC		
Max. Output Power Rating (kW)	240KW DC (120KW/Gun)		
Output Load Sharing	Yes It will deliver 100% power to one gun when only one gun is in use. The charger will share the power in both guns when both guns are in use.		
Display	7" TFT Color Touch Screen		
Electrica 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	Powe Line Communication (PLC)		
Charger and CMS communication	Open Charge Point Protocol 1.6J		
Compliance	AIS138 / IS17017-1 / 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 (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	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. Weight (KGS)	350KG
Max. dimension (W X D X H) mm	805 x 730 x 1950	Installation Type	Floor mounting

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