



120kW(2*CCS2) DC Charger Specification

Model : DC1.00/120



✧ Product Brief Instruction

120 kW CE certification DC Charger provides a DC quick charging solution for electric vehicles which can comply for the IEC/EN 61851 and 62196 standard .This product integrates charging module, charging control, metering and charging, communication and other functions with the connector CCS2 and can optional CHAdeMO. The product is placed outdoors to provide charging services for electric buses, large electric buses and passenger electric vehicles, which can be applied to large electric bus stations, public charging stations and other places.

✧ Function Description

- **Intelligent and efficient:** system efficiency is higher than 95%; High power density, saving system operation cost; High power factor, low harmonic distortion rate, no pollution.
- **Safety protection:** with short circuit, over current, over voltage, over charge, anti-reverse connection and other protection functions; Can optional water alarm , anti-dumping and other positive protection functions
- **Strong weather resistance:** excellent cold resistance, high temperature resistance, salt spray resistance, moisture resistance and other functions
- **Intelligent interaction:** Charging status light indicator function, real-time monitoring of machine running status.

✧ Application Scenario

Public charging station, indicated bus/logistics vehicle charging station, Kits for EVs .etc



Technical Specification

Category	Item	Parameter
Input Characteristic	Input	3P+N+PE
	Input Voltage	360~440V AC
	Frequency	45~65Hz
	Power Factor	0.99
	THDi	≤5%
Output Characteristic	Output Voltage	50-1000 V DC
	Rated power	120kW
	Max Current	2*CCS2: 200A
	Peak Efficiency	95% @half load
	Connector Type	IEC 62196
Standards	System Standard	IEC 61851
Others	Energy meter	High precision meter
	Number of Connector	2* CCS2
	Network Interface	4G/LAN Port
	Size(W*D*H)	W850*D700*H1800 mm
	Protection level	IP54/IK10 (not including the screen)
	Cable length	5m
	Communication protocol	OCPP1.6J
	Display Screen	8 inch LCD touch screen
	Start Mode	APP/RFID/ Scan
	Language	English/Chinese
Environmental conditions	Cooling method	Forced air cooling
	Operating temperature	-30~50 °C
	Humidity	5%~95%
	Altitude	≤2000m
Protection	Protection Mode	Undervoltage protection Overvoltage protection DC overcurrent protection Over-temperature protection Surge Protection Emergency Stop Protection

LVTENERGYPT.E.LTD.

SALES@LVTENERGY.COM

60 PAYA LEBAR ROAD #11-53 PAYA LEBAR SQUARE SINGAPORE

ZONE A, 1ST FLOOR, NO.104, 88 RD MINBEI, DISTRICT MINHANG, SHANGHAI, CHINA