15/20KW DC Charger Technical Parameters

REACH
Reliable Electric Automotive Charging Hub

Objectives

Ideal choice and commercial EV charging.

RFID card reader, APP based for user identification

Security Protocols and management

Input: AC400V±15%

Output: - 15kW/20kW @ 80A

Stylish, ergonomic and customizable design

Firmware OCPPv1.6 updates through remote connection up to 2.0J

Charging interface: Input plug CCS-2 female connector.

User friendly LCD Touch display for customer interface.

Wired connectivity, Easy to install, operate and service. Safety

Measures-Emergency stop button with 18 various type protection

Robust IK10/ IP54 ingress protection for indoor/outdoor applications

CE   (RCM)   TR25   TÜV

Applications

Highway Fuel Outlets/service station

Parking garage/back office

Mall, shopping complex, university

Commercial fleet operators

EV infrastructure operators and service providers

EV dealer workshop

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	Parameters	Requirements	
General Information	EV Charger Type	DC CCS-2	
	Charger Capacity	15KW Commercial Charger	20KW Commercial Charger
	Model Name	HSEF15K(D)1G(CCS2)W1000S	HSEF-20K(D)1G(CCS2)W1000S
	Mounting & Cable routing	Wall-Mounting & Bottom Intel wiring	
Input Requirement	AC Supply System	3-Phase,5 Wire (3P, N, PE) AC System	
	Input voltage & Current	AC400V±15% & 24Amp	AC400V±15% & 28Amp
	Wires	5 Wires (L1, L2, L3, N, PE)	
	Frequency	50Hz / 60Hz	
Output Power	No of outputs	01	
	Output Connectors	CCS-2 female connector	
	Charging Interface	IEC 62196, 61851, SAE J 1772, CHAdeMO	
	Output Voltage & Current	200 VDC – 1000 VDC & 80Amp Max	
	Power Factor	≥0.99(50% load above)	
Environment	Ambient & Storage Temperature	-25 degree to 55 degrees & -20ºC to 75ºC	
	Altitude & Humidity	<2000 Mtr & 5% to 95%, non-condensing	
	Cooling Method	Air Forced Cooled	
User Interface & Display	Charging Type	HMI/APP/CMS	
	Display & Language	7" Display & English	
	Push Button	Emergency Stop	
	User Authentication	Mobile / QR Code / RFID / Password login	
	Metering Information	Consumption Units(kWh)	
Communication	Network Connectivity	LAN/GSM/Wi-Fi	
	Firmware (between EVSE & CMS) & Connectivity	OCCP v.1.6 or above	
	Communication between charger & vehicle	PLC Based Communication	
	Updates	Through remote connection up to 2.0 J	
Mechanical	IP Rating	IP54 / IK 10	
	Cable Length & Weight	5 Mtr & 70kg	
	Dimension	450*760*236	
	Enclosure materials	Carbon steel	
	Protection & Safety Parameters	Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, Door opening protection etc	
	Compliance/Standard/Certification	EN IEC61851-1:2019/61851-1:2017/62955:2018, CE, CPWD, ISO	
	Warranty	12 Months	