



Objectives

- Ideal choice and commercial EV charging.
- RFID card reader, APP based for user identification /Security Protocols and management
- Input:380Vac~440Vac
- Output: - 20kW,30kW and 40KW
- 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/ IP55 ingress protection for indoor/outdoor applications



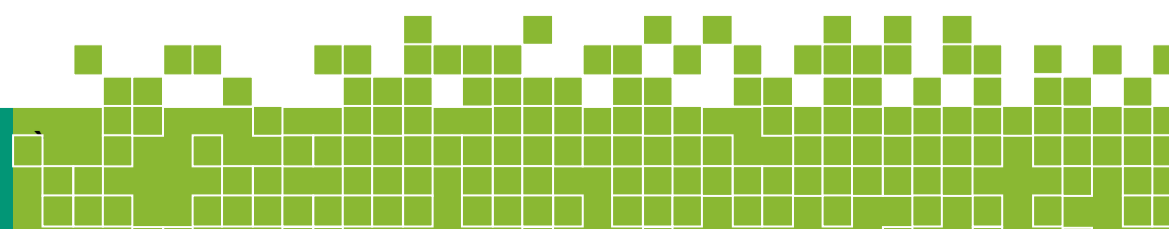
Applications

- Highway Fuel Outlets/service station
- Parking garage/back office
- Mall, shopping complex, university
- Commercial fleet operators
- EV infrastructure operators and service providers



Model List

Function	Type-1	Type-2	Type-3	Type-4
	BASIC	LAN	Wi-Fi	4G
RFID	X	•	•	•
LAN	X	•	•	•
Wi-Fi	X	X	•	X
4G	X	X	X	•
OCPP	X	•	•	•



E-FUEL

Park • Charge • Accelerate



1.	EV Charger Type	DC		
2.	Charger Capacity	20kW	30kW	40KW
3.	Product Model No.	HSEF-20K(D)1S(CCS2)1000S	HSEF-30K(D)1S(CCS2)1000S	HSEF-40K(D)1S(CCS2)1000S
4.	Mounting	Wall-Mounting		
Input Requirement				
5.	AC Supply System	Three-Phase,5 Wire AC System		
6.	Nominal Input Voltage	AC380V±15%		
7.	Input Frequency	50-60Hz		
Environmental				
8.	Ambient Temperature Range	-25 to 55°C		
9.	Ambient Humidity	5 to 95%		
10.	Storage Temperature	-40 to 70°C		
Mechanical				
11.	IP Rating	IK10/IP55		
12.	Cooling	Air Forced Cooled		
13.	Dimension(L*W*H)	455*250*840		
Output Capacity				
14.	Number of Output	1		
15.	Volatge Output	DC150-1000V		
16.	Output Current	67Amp	80Amp	133Amp
17.	Power Factor	≥0.99(50% load above)		
User Interface & Display				
18.	Display Screen Size	7- inches Touches Screen With Shell		
19.	User Authentication	Mobile Application/ QR Code / RFID Card/ Password Login		
20.	Metering Information	Consumption Units(kWh)		
Communication				
21.	Communication Between EVSE and CMS	OCPP v 1.6 or above- 10/100 Base - T Ethernet (standard)/ Optional GSM Modem (2G/3G/4G) or Wireless		
22.	Communication Between Charger & Vehicle	PLC Based Communication as per AIS 138		
Protection & Safety				
23.	Executive Standard	IEC 62196 2017, IEC 61851 2017, SAE J1772, CHAdeMO etc.		
24.	Safety Parameters	Over Current, Under Voltage , Residual Current , Surge Protection, Leakage Protection , Short Circuit, Over Temperature, etc		

