



Objectives

- Ideal choice and commercial EV charging.
- RFID card reader, APP based for user identification /Security Protocols and management
- Input:380Vac~440Vac
- Output: - 15kW@200A and 30kW@250A
- Stylish, ergonomic and customizable design
- Firmware OCPPv1.6 updates through remote connection up to 2.0J
- Charging interface: Input plug GB/T 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.



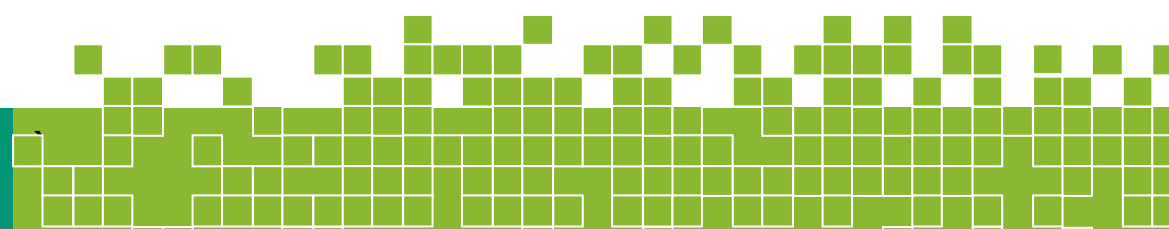
Applications

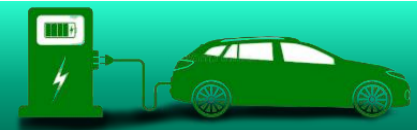
- Highway Fuel Outlets/service station
- Parking garage/back office
- Mall, shopping complex, university
- Commercial fleet operators
- EV infrastructure operators and service providers



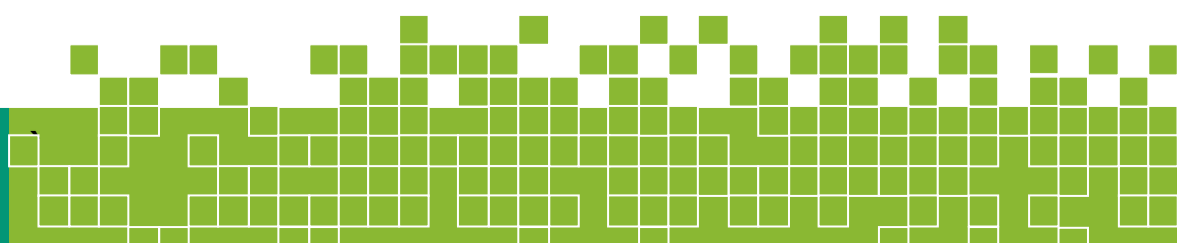
Model List

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	•	•	•





SL. No.	Parametrs	Requirments	
General Information			
1.	EV Charger Type	DC	
2.	Charger Capacity	15kW	30kW
3.	Product Model No.	HSEF-15K(D)1(DC15)750S	HSEF-15K(D)2(DC30)1000S
4.	Mounting	Floor-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	-35 to 70°C	
Mechanical			
11.	IP Rating	IK10/IP55	
12.	Cooling	Air Forced Cooled	
Output Capacity			
13.	Number of Output	1	2
14.	Max. Volatge Output	35-100V DC	
15.	Max. Output Current	Max.200Amp	Max.250Amp
16.	Power Factor	≥0.99(50% load above)	
User Interface & Display			
17.	Display and Touch Screen Size	7 inches Touches Screen With Shell	
18.	User Authentication	Mobile Application or user interface/ QR Code / RFID Card/ Password Login	
19.	Metering Information	Consumption Units(kWh)	
Communication			
20.	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	
21.	Communication Between Charger & Vehicle	CAN Based Communication as per AIS 138	
Protection & Safety			
22.	Executive Standard	GB/T 20234.3	
23.	Safety Parameters	Over Current, Under Voltage , Residual Current , Surge Protection, Leakage Protection , Short Circuit, Over Temperature, etc	





Objectives

- Ideal choice and commercial EV charging.
- RFID card reader, APP based for user identification /Security Protocols and management
- Input:380Vac~440Vac
- Output: - 20kW@80A and 30kW @ 125A
- 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



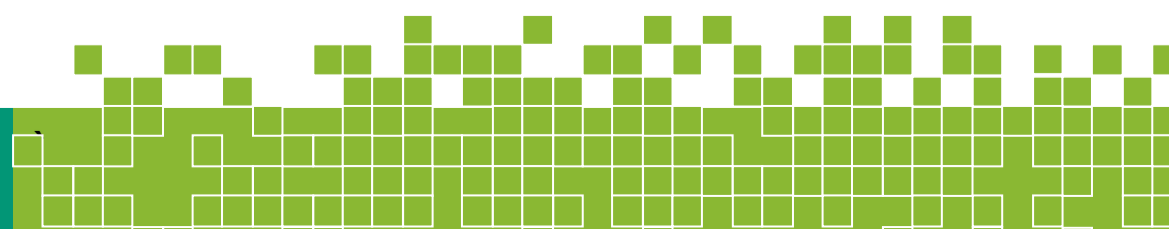
Applications

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



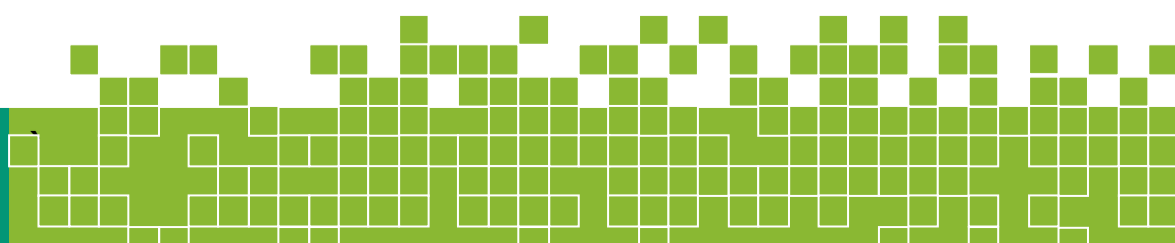
Model List

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	•	•	•





SL. No.	Parametrs	Requirments	
General Information			
1.	EV Charger Type	DC	
2.	Charger Capacity	20kW	30kW
3.	Product Model No.	HSEF-20K(D)1(DC20)750S	HSEF-30K(D)1(DC30)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	
Output Capacity			
13.	Number of Output	1	
14.	Max. Volatge Output	DC200-1000V	
15.	Max. Output Current	80Amp	125Amp
16.	Power Factor	≥0.99(50% load above)	
User Interface & Display			
17.	Display and Touch Screen Size	4.3 inches Touches Screen With Shell	
18.	User Authentication	Mobile Application or user interface/ QR Code / RFID Card/ Password Login	
19.	Metering Information	Consumption Units(kWh)	
Communication			
20.	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	
21.	Communication Between Charger & Vehicle	CAN Based Communication as per AIS 138	
Protection & Safety			
22.	Executive Standard	IEC 62196 2017, IEC 61851 2017, SAE J1772, CHAdEMO etc.	
23.	Safety Parameters	Over Current, Under Voltage , Residual Current , Surge Protection, Leakage Protection , Short Circuit, Over Temperature, etc	





Objectives

- Ideal choice and commercial EV charging.
- RFID card reader, APP based for user identification /Security Protocols and management
- Input:380Vac~440Vac
- Output: - 30kW@100A and 40kW @ 200A
- Stylish, ergonomic and customizable design
- Firmware OCPPv1.6 updates through remote connection up to 2.0J
- Charging interface: Input plug CCS-2 and GB/T 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



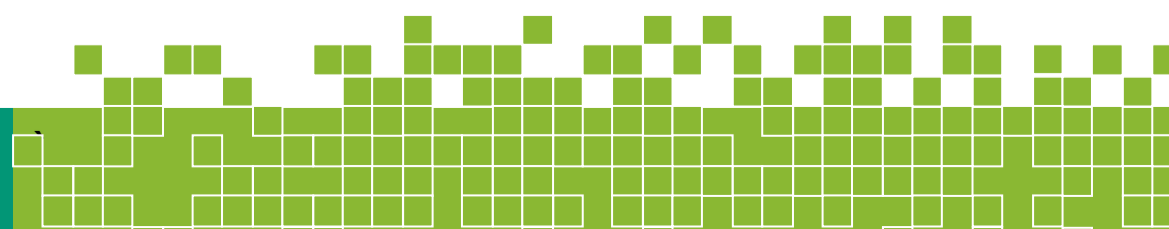
Applications

- 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



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	•	•	•





Technical Parameter		
Model (CCS, CHA, GBT)	HSEF -40K (D) 2 ()750S, HSEF-60K (D) 2 () 1000S	
Structure Appearance		
Dimension (W/H/D)	650*360*1060mm	650*580*1650mm
Installation method	Wall mounted	Floor mounted
Wiring method	Bottom line in, bottom line out	
Weight	About 140Kg	About 170Kg
Number of outputs	1/2 (optional)	
Output type	CCS-2, CHAdeMO, GB/T (optional)	
Cable length	4/5m (optional)	
Electric Parameter		
Input voltage	380Vac ± 20%	
Input frequency	50/60 Hz	
Output voltage	200-750VDC	200-1000VDC
Constant power output range	400-750VDC	300-1000VDC
Rated power	2*20 kw	2*30 kw
Max output current of single gun	100 A	200 A
Max output current of dual gun	50 A	100 A
Feature Design		
Network method	LAN/WIFI/4G (optional)	
Communication protocol	OCPP 1.6J (optional)	
LCD Display	7-inch screen	
Language	English (optional)	
Start method	RFID/Password/Plug & charge (optional)	
RCD Type	Type A	
Environment Parameter		
Applicable Scene	Indoor/Outdoor	
Operating temperature	-35°C ~ +60°C (-35°C ~ -20°C, with heater, optional)	
Acoustic noise	<65db	
Maximum Altitude	Up to 2000m	
Cooling method	Air Cooled	
Protection level	IP54	
Safe Design		
Reference standard	CE & IEC 61851	
Protection design	Overcurrent, Undervoltage, Overvoltage, Residual current, Surge, Short circuit, Ground fault, Emergency shutdown alarm, Overtempt, Electric shock, Input phase reversal, Plug-out protection	





Objectives

- Ideal choice and commercial EV charging.
- RFID card reader, APP based for user identification /Security Protocols and management
- Input:380Vac~440Vac
- Output: - 40kW@200A
- Stylish, ergonomic and customizable design
- Firmware OCPPv1.6 updates through remote connection up to OCPPv2.0J
- 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



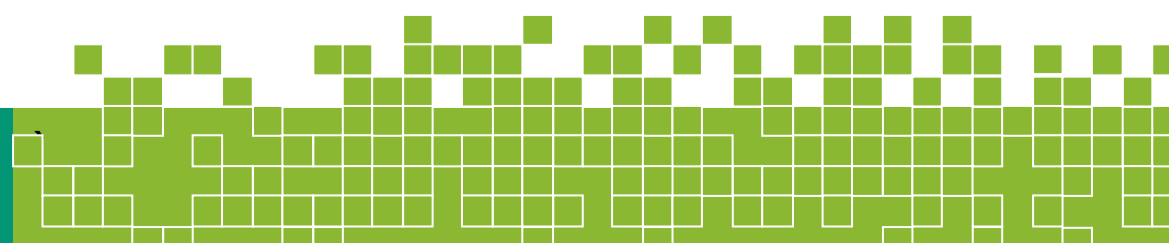
Applications

- 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



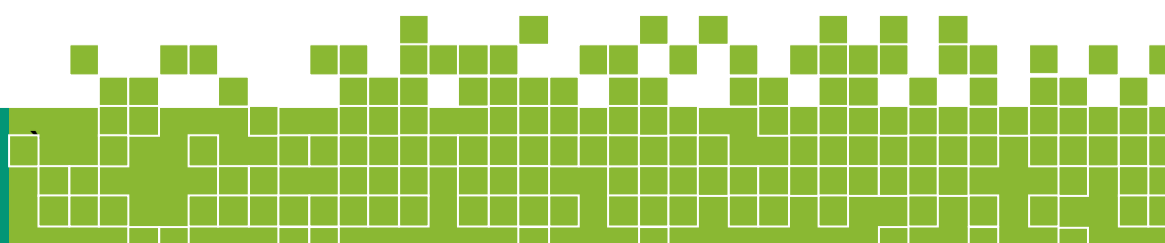
Model List

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	•	•	•





SL. No.	Parametrs	Requirments
General Information		
1.	EV Charger Type	DC
2.	Charger Capacity	40kW
3.	Product Model No.	HSEF-40K(D)2(DC40)1000S
4.	Mounting	Floor-Mounting
Input Requirement		
5.	AC Supply System	Three-Phase,5 Wire AC System
6.	Nominal Input Voltage	AC400V±10%
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/IP54
12.	Cooling	Air Forced Cooled
Output Capacity		
13.	Number of Output	2
14.	Max. Output Voltage	DC50-1000V
15.	Max. Output Current	200Amp
16.	Power Factor	≥0.99(50% load above)
User Interface & Display		
17.	Display and Touch Screen Size	16.6 inches Touches Screen With Shell
18.	User Authentication	Mobile Application or user interface/ QR Code / RFID Card/ Password Login
19.	Metering Information	Consumption Units (kWh)
Communication		
20.	Communication Between EVSE and Central Server	OCPP v 1.6 or above- 10/100 Base - T Ethernet (standard)/ Optional GSM Modem (2G/3G/4G) or Wireless
21.	Communication Between Charger & Vehicle	CAN Based Communication as per AIS 138
Protection & Safety		
22.	Executive Standard	IEC 62196 2017, IEC 61851 2017, SAE J1772, CHAdeMO etc.
23.	Safety Parameters	Over Current, Under Voltage , Residual Current , Surge Protection, Leakage Protection , Short Circuit, Over Temperature, etc





Objectives

- Ideal choice and commercial EV charging.
- RFID card reader, APP based for user identification /Security Protocols and management
- Input:380Vac~440Vac
- Output: - 2*30kW@150A + 22kW@32A
- Stylish, ergonomic and customizable design
- Firmware OCPPv1.6 updates through remote connection up to OCPPv2.0J
- 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



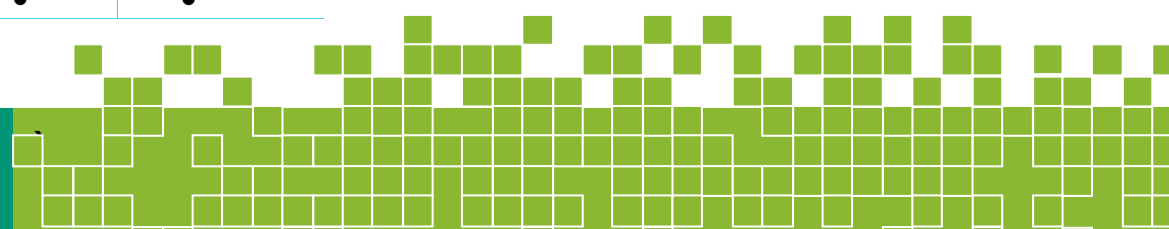
Applications

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



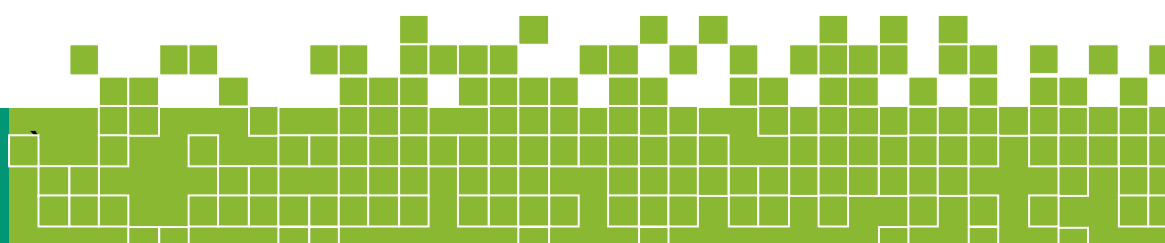
Model List

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	•	•	•





SL. No.	Parametrs	Requirments
General Information		
1.	EV Charger Type	2DC+1AC
2.	Charger Capacity	2*30Kw DC + 22kW AC
3.	Product Model No.	HSEF- (30)2+22(ADC)3(82ADC)1000S
4.	Mounting	Floor-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
Output Capacity		
13.	Number of Output	2DC + 1AC
14.	Max. Power Output from each Gun	CCS-2:- Max. 30kW 200v-1000v DC and 150Amp CHAdeMO:- Max 30kW 200v-1000v DC and 150Amp Type-2 :- 380~440V AC 32A/63A
15.	Max. Output Current	200Amp
16.	Power Factor	≥0.99(50% load above)
User Interface & Display		
17.	Display and Touch Screen Size	7 inches Touches Screen With Shell
18.	User Authentication	Mobile Application or user interface/ QR Code / RFID Card/ Password Login
19.	Metering Information	Consumption Units(kWh)
Communication		
20.	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
21.	Communication Between Charger & Vehicle	CAN Based Communication as per AIS 138
Protection & Safety		
22.	Executive Standard	IEC 62196 2017, IEC 61851 2017, SAE J1772, CHAdeMO etc.
23.	Safety Parameters	Over Current, Under Voltage , Residual Current , Surge Protection, Leakage Protection , Short Circuit, Over Temperature, etc





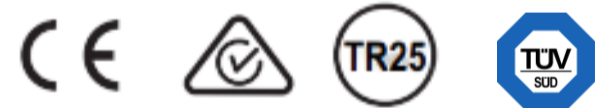
Objectives

- Ideal choice and commercial EV charging.
- RFID card reader, APP based for user identification /Security Protocols and management
- Input:380Vac~440Vac
- Output: - 60kW@250A
- Stylish, ergonomic and customizable design
- Firmware OCPPv1.6 updates through remote connection up to OCPPv2.0J
- 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
- EV dealer workshop



Model List

Type- Type-2 Type- Type-



Function	1		3	4
	BASIC	LAN	Wi-Fi	4G
RFID	x	•	•	•
LAN	x	•	•	•
Wi-Fi	x	x	•	x
4G	x	x	x	•
OCPP	x	•	•	•



SL. No.	Parametrs	Requirments
General Information		
1.	EV Charger Type	DC
2.	Charger Capacity	60kW
3.	Product Model No.	HSEF-60K(D)2(DC60)1000S
4.	Mounting	Floor-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
Output Capacity		
13.	Number of Output	2
14.	Max. Output Voltage	DC200-1000V
15.	Max. Output Current	250Amp
16.	Power Factor	≥0.99(50% load above)
User Interface & Display		
17.	Display and Touch Screen Size	16.6 inches Touches Screen With Shell
18.	User Authentication	Mobile Application or user interface/ QR Code / RFID Card/ Password Login
19.	Metering Information	Consumption Units (kWh)
Communication		
20.	Communication Between EVSE and Central Server	OCPP v 1.6 or above- 10/100 Base - T Ethernet (standard)/ Optional GSM Modem (2G/3G/4G) or Wireless
21.	Communication Between Charger & Vehicle	CAN Based Communication as per AIS 138
Protection & Safety		
22.	Executive Standard	IEC 62196 2017, IEC 61851 2017, SAE J1772, CHAdeMO etc.
23.	Safety Parameters	Over Current, Under Voltage , Residual Current , Surge Protection, Leakage Protection , Short Circuit, Over Temperature, etc





Objectives

- Ideal choice and commercial EV charging.
- RFID card reader, APP based for user identification /Security Protocols and management
- Input:380Vac~440Vac
- Output: - 2*50kW@200A + 43kW@63A
- 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



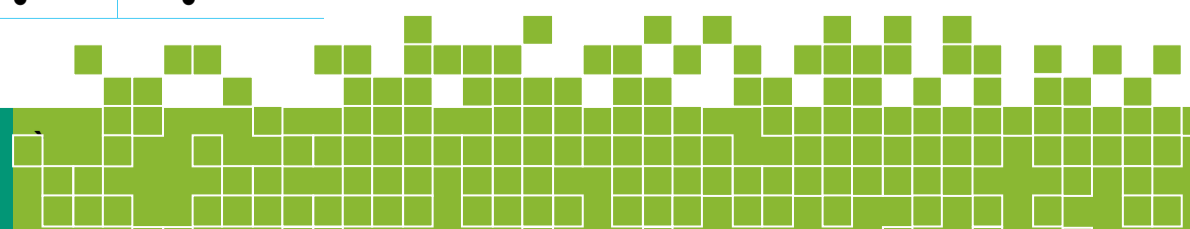
Applications

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



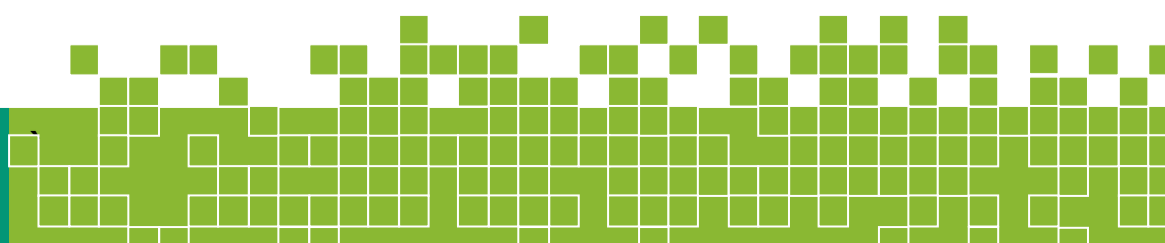
Model List

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	•	•	•





SL. No.	Parametrs	Requirments
General Information		
1.	EV Charger Type	2DC+1AC
2.	Charger Capacity	2*50Kw DC + 43kW AC
3.	Product Model No.	HSEF- (50)2+43(ADC)3(143ADC)1000S
4.	Mounting	Floor-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
Output Capacity		
13.	Number of Output	2DC + 1AC
14.	Max. Power Output from each Gun	CCS-2:- Max. 30kW 200v-1000v DC and 200Amp CHAdEMO:- Max 30kW 200v-1000v DC and 200Amp Type-2 :- 380~440V AC 32A/63A
15.	Max. Output Current	200Amp
16.	Power Factor	≥0.99(50% load above)
User Interface & Display		
17.	Display and Touch Screen Size	7 inches Touches Screen With Shell
18.	User Authentication	Mobile Application or user interface/ QR Code / RFID Card/ Password Login
19.	Metering Information	Consumption Units(kWh)
Communication		
20.	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
21.	Communication Between Charger & Vehicle	CAN Based Communication as per AIS 138
Protection & Safety		
22.	Executive Standard	IEC 62196 2017, IEC 61851 2017, SAE J1772, CHAdEMO etc.
23.	Safety Parameters	Over Current, Under Voltage , Residual Current , Surge Protection, Leakage Protection , Short Circuit, Over Temperature, etc





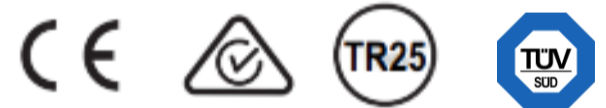
Objectives

- Ideal choice and commercial EV charging.
- RFID card reader, APP based for user identification /Security Protocols and management
- Input:380Vac~440Vac
- Output: - 120kW@300A
- Stylish, ergonomic and customizable design
- Firmware OCPPv1.6 updates through remote connection up to OCPPv2.0J
- 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



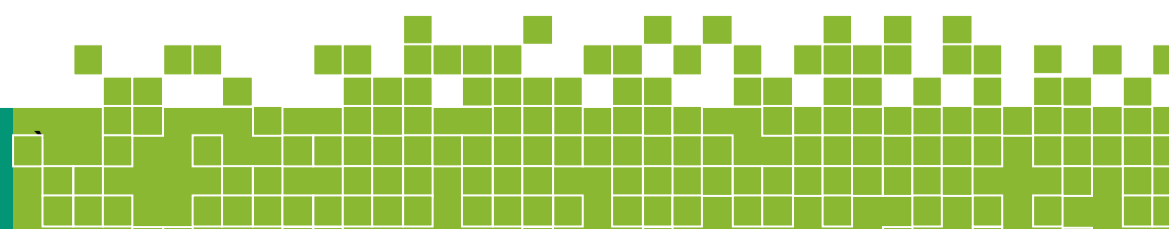
Applications

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



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	•	•	•





SL. No.	Parametrs	Requirments
General Information		
1.	EV Charger Type	DC
2.	Charger Capacity	120kW
3.	Product Model No.	HSEF-120K(D)2(DC120)1000S
4.	Mounting	Floor-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
Output Capacity		
13.	Number of Output	2
14.	Max. Output Voltage	DC200-1000V
15.	Max. Output Current	300Amp
16.	Power Factor	≥0.99(50% load above)
User Interface & Display		
17.	Display and Touch Screen Size	7 inches Touches Screen With Shell
18.	User Authentication	Mobile Application or user interface/ QR Code / RFID Card/ Password Login
19.	Metering Information	Consumption Units(kWh)
Communication		
20.	Communication Between EVSE and Central Server	OCPP v 1.6 or above- 10/100 Base - T Ethernet (standard)/ Optional GSM Modem (2G/3G/4G) or Wireless
21.	Communication Between Charger & Vehicle	CAN Based Communication as per AIS 138
Protection & Safety		
22.	Executive Standard	IEC 62196 2017, IEC 61851 2017, SAE J1772, CHAdEMO etc.
23.	Safety Parameters	Over Current, Under Voltage , Residual Current , Surge Protection, Leakage Protection , Short Circuit, Over Temperature, etc

