7.4kw AC Charger Type-2 Technical Parameters

REACH
Reliable Electric Automotive Charging Hub

Objectives

- Ideal choice for residential and commercial EV charging.
- Optional RFID card reader, APP based for user identification / security Protocols and management.

  Input: 7.4kw (AC220V±15%)
- Output: - For 7.4kw 32A@220-240VAC .
- Stylish, ergonomic and customizable design.
- Firmware OCPPv1.6 updates through remote connection.
- Charging interface: Input plug Type-2 pin female connector.
- User friendly LCD display for customer interface.
- Wired connectivity, Easy to install, operate and service.
- Safety Measures-Emergency stop button with 18 various type protection.
- Robust IP65 ingress protection for indoor/outdoor applications.

Appli cations

- 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	Requirments
General Information	**EV Charger Type**	AC Type-2
	Charger Capacity	7KW Commercial Charger
	Model Name	HSEF-7K(A)1G(Type-2)220S
	Mounting & Cable routing	Wall / Stand Mounting & Bottom Intel wiring
Input Requirement	**AC Supply System**	1-Phase, 3 Wires (L,N,PE) AC System
	Input voltage & Current	AC220V±15% & 32Amp
	Wires	3 Wires (L,N,PE)
	Frequency	50Hz / 60Hz
Output Power	**No of outputs**	01
	Output Connectors	Input Plug type-2 pin female connector
	Charging Interface	IEC 62196 Type 2
	Output Voltage & Current	200-240 VAC & 32Amp Max
	Power Factor	≥0.99(50% load above)
Environment	**Ambient & Storage Temperature**	-20 degree to 65 degrees & -40°C to 75°C
	Altitude & Humidity	<2000 Mtr & 5% to 95%, non-condensing
	Cooling Method	Natural Cooling
User Interface & Control	**Charging Type**	HMI/APP/CMS
	Display & Language	4.3" 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	CP Based communication
	Updates	Through remote connection
Mechanical	**IP Rating**	IP 65
	Cable length	5 Meters
	Encloser Material	Plastic Material
	Dimension (WxDxH)	400 x 120 x 280mm
	Weight	8Kg
	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 period	12 months

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