

3.3 x 3 KW (Bharat AC001)

Technical Parameters

Objectives

- ❖ Ideal choice for residential and commercial EV charging.
- ❖ Optional RFID card reader, APP-based for user identification/security Protocols and management.
- ❖ Input: AC400V±15% (10kW)
- ❖ Output: - Upto 16A@230v charging from each socket.
- ❖ Stylish, ergonomic and customizable design
- ❖ Firmware OCPPv1.6 updates through remote connection.
- ❖ Charging interface: Input plug Type-3 pin 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 types of protection.
- ❖ Robust IP65 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



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Parameters		Requirements
General Information	EV Charger Type	3-Pin Industrial Socket
	Charger Capacity	10KW Commercial Charger
	Model Name	HSEF-10K(A)3(AC001)440S
	Mounting & Cable routing	Wall / Stand Mounting & Bottom Intel wiring
Input Requirement	AC Supply System	3-Phase, 5 Wire (3P, N, PE) AC System
	Input voltage & Current	AC400V±15% & 32Amp
	Wires	5 Wires (L1, L2, L3, N, PE)
	Frequency	50Hz / 60Hz
Output Power	No of outputs	03
	Output Connectors	Input Plug type-3 pin female connector
	Charging Interface	IEC 60309 Industrial socket
	Output Voltage & Current	400-440 VAC & Each output 16Amp
	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	App/CMS
	Display & Language	Indicators with 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	NA
	Encloser Material	Plastic Material
	Dimension (WxDxH)	280 X 240 * 120 mm
	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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