

7.4 kW Home AC Charger Technical Parameters

Cost Effective & Design

- ❖ Half size of A4 paper, compact design.
- ❖ Home use with competitive price.

Flexible Option

- ❖ Output: - 7.4kW@32A
- ❖ Stylish, ergonomic and customizable design
- ❖ Type-2 charging cable
- ❖ RFID authentication, optional with plug and play.
- ❖ 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

Simple Operation

- ❖ Start/Stop charging by RFID card
- ❖ Simple HMI with LED indicators
- ❖ Over temperature protection
- ❖ Residual current detection

Application

- ❖ Residential & Apartments
- ❖ 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	AC Type-2
	Charger Capacity	7KW Home Charger
	Model Name	AC7000-AE-05
	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±10% & 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°C ~ +60°C & -20°C to 75°C
	Altitude & Humidity	<2000 Mtr & 5% to 95%, non condensing
	Cooling Method	Natural Cooling
User Interface & Control	Charging Type	Plug & Play
	Display & Language	Indicators & English
	Push Button	Emergency stop
	User Authentication	RFID
	Metering Information	Consumption Units(kWh)
Communication	Network Connectivity	NA
	Firmware (between EVSE & CMS) & Connectivity	NA
	Communication between charger & vehicle	CP Based communication
	Updates	No Updates required
Mechanical	IP Rating	IP 55 / IK 10
	Cable length	5 Meters
	Encloser Material	Plastic Material
	Dimension (WxDxH)	233 X 150 X 70mm
	Weight	5 kg
	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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