



## Key Features:

# AC001 3.3kW (Custom) EV Charger

TECHNICAL SPECIFICATIONS		
AC Input	Voltage Rating	1 Phase, 200-240Vac ( $\pm 15\%$ )
	Max. Input Current	16Amp
	Input Frequency	50Hz $\pm 1.5$ Hz
Backup Power	Input Supply Failure Backup	Minimum Battery backup for the control system and billing unit
		15 Minutes 60 Minutes
AC Output	No. of Output Ports	1 Nos.
	Output/Vehicle Connector	Domestic Socket IEC 60309
	Output Current	16Amp
	Output Power	230Vac, 50Hz, 3.3kW
PROTECTIONS		
AC Input Protections	AC Voltage Protection	AC Over Voltage
		AC Under Voltage
	AC Current Protection	AC Over Current
		Short Circuit
	AC Safety Protections	Residual Current/Ground Fault
		Earth Presence/Connection Monitoring
Polarity Reverse Protection		
	Surge Protection	
	Over Temperature	
METERING		
Energy Metering	Independent AC Energy Meter for each output	Class 1.0 Energy Meter for each output
ENVIRONMENTAL		
Environment	Operating Temperature	(-30°C to 55°C)
	Humidity	<95% Relative humidity, non-condensing
MECHANICAL DESIGN		
Enclosure	Ingress Protection	IP55
	Enclosure Protection	IK08
	Cooling Method	Natural Cooling
	Dimension (W x H x D)	230mm x 350mm x 140mm
USER INTERFACE		
Human Media Interface	Display or Keypad	4" LCD, user interface through keypad
Language	English	English
Emergency Stop	Mushroom Type	Push Button
User Authentication	Authentication Modes	RFID
		QR Code
		Mobile App
Visual Indication	Status Check	Status LED (Charging, Fault, Idle)
COMMUNICATION		
Charger and CMS	OCPP 1.6J	(upgradable to OCPP 2.0)
Network Connection	Interface	Ethernet
		Wi-fi
		GSM-4G
ADDITIONAL REQUIREMENTS		
Protections	Safety features	Hydrocarbon Gas Detector
REGULATION		
Certificate/Compliance	AIS-138-1, NABL Certificates	

### Contact Us



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