



24x7 EV STATION

# 10 KW AC 001 CHARGER

Model no : AC1001

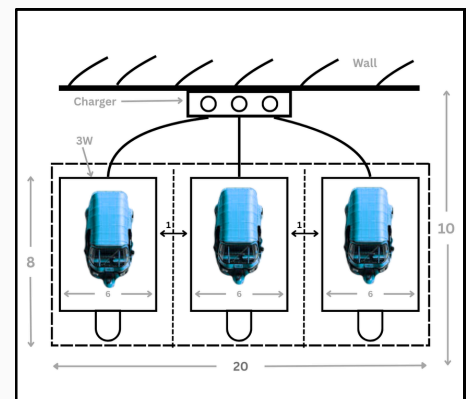
## Key Features :

- Anti-Theft Mounting
- Ethernet | Wifi | 4G
- Highest safety features in the industry compliant with global standards
- OCPP | RFID | QR Code
- LEDs to indicate charging modes
- Battery Backup | RFID
- Boasts IP55 water & dust protection
- Self-healing with smart Auto-Recovery from faulted stage



## Safety Features :

- Varistor Fault Detection
- Type B Earth Leakage Protection
- Surge Protection upto 8kV
- Over Temperature Protection
- Overvoltage Protection
- Relay Welding Protection
- Over Current Protection
- Onboard GFCI Protection



Min. 200sq.ft area is needed to install & operate 10KW AC Charger.

## Applications



Restaurants



Highways



Commercials



Parkings



Housing societies



Malls



Stores



Educational institutes



### • POWER

CHARACTERISTICS	AC CHARGER 0001
Rated Power	3.3 kW x 3
Input voltage	310 - 460Vac, 3 phase (L-N-PE), 50±1Hz
Number of Output	3
Output current	0-16A per output
Output Charging Outlet	3 x 3.3kW (IEC 60309 / Domestic Socket)
Output voltage	230 Vac
Battery Backup	Battery Backup for controlling unit > 60 mins



### • Controls and User Interface

Display	4.3°HMI LCD Display Touchscreen (Faults / Charging status/ Supply/ Connectivity status)
LEDs	LEDs for charging/fault modes
User Authentication	RFID + OCPPv1.6

### • Environment

Ambient emperature	-20°C to 55°C
Storage Temperature	-20°C to 85°C
Altitude	<2000 Mtr
Humidity	<95%, Non condensing

### • Communication

External	WiFi, LAN / 4G (with signal boosting Antenna), OCPPv1.6
Metering and Billing	Class 1 Energy Metering
Charging Operation	RFID Card / QR Code / Mobile CMS App (OCPPv1.6)

### • Protection/Safety

Input/ Output protection	Over/Under voltage protection, Overload protection, Short circuit protection, Current leakage protection Grounding protection, Surge protection, Over temperature, Relay welding protection & Reverse polarity protection
Mechanical Protection	Enclosure Mechanical Strength IK-08, IP55 for Outdoor use, Flame Retardant Grade UL94 V-0, Anti-Theft Mounting Design, Safety Lock
Mounting	Wall / Pole Mount (Anti-Theft Design)
Push Button	Mushroom Push Button for Emergency Stop
Cooling	Natural Cooling
Input/ Output protection	Over/Under voltage protection, Overload protection, Short circuit protection, Current leakage protection Grounding protection, Surge protection, Over temperature, Relay welding protection & Reverse polarity protection

### • Certifications

As per	Bharat EV AC Charger (BEVC-AC001) Specifications, AIS 138-Part 1
Certification	IEC 61851 / AIS 138 Part-1 / IS-17017