



24x7 EV STATION

14 KW AC HYBRID CHARGER

Model no : AC1401

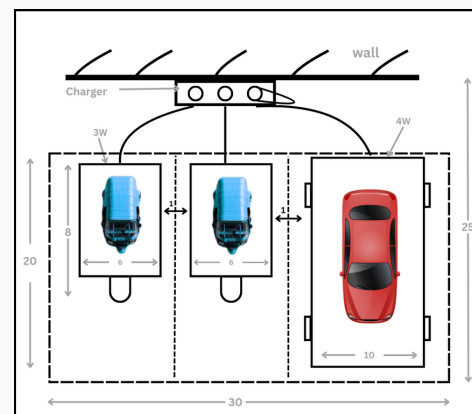
Key Features :

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



Safety Features :

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



Min. 600sq.ft area is needed to install & operate 14kw AC Hybrid Charger

Applications



Restaurants



Highways



Commercials



Parkings



Housing societies



Hospitals



Stores



Educational institutes



• POWER

| CHARACTERISTICS | AC CHARGER 14KW HYBRID |
|------------------------|---|
| Rated Power | 14 kW |
| Input voltage | 310 - 460Vac, 3 phase (L-N-PE), 50±1Hz |
| Number of Output | 3 |
| Output current | 0-32A + 0-16A + 0-16A |
| Output Charging Outlet | Outlet 1: IEC62196 Type2, Outlet 2 and 3: IEC 60309 / Domestic Socket |
| Output voltage | 230Vac |
| Battery Backup | Battery Backup for controlling unit > 60 mins |

• Controls and User Interface

| | |
|---------------------|-------------------------------|
| Display | 4.3"HMI LCD Display |
| LEDs | LEDs for charging/fault modes |
| User Authentication | RFID + OCPPv1.6 |

• Environment

| | |
|---------------------|----------------------|
| Ambient temperature | -20°C to 55°C |
| Storage Temperature | -40°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) |
| Charging Cable | High quality cable with Copper alloy & Silver-plated power contacts, Mating Cycles > 10,000 Temperature Sensor on Gun side (Optional) |
| Push Button | Mushroom Push Button for Emergency Stop |
| Cooling | Natural Cooling |

• Certifications

| | |
|---------------|---------------------------------------|
| As per | IEC 61851 / AIS 138 Part-1 / IS-17017 |
| Certification | CE |



TYPE 1 CONNECTOR



TYPE 2 CONNECTOR