



Smart AC Charger

Main Features

Powerful Charging Capability

1-Phase 7kW & 3-Phase 22kW available

Unique Design

Independent backplate for power cable connection

Smart Grid Savings

Schedule your charging times when rates are lower

Smart Network Connectivity

Intelligent Ethernet, Cellular, WLAN Switching

RFID & Mobile App Identification

User Authentication via RFID or Mobile App

Benefits

Easy configuration to any charging network

OCPP 1.6J, OCPP 2.0.1

Automatic recovery after a minor fault

Remote management and smart charging

Smart load balancing support

Applications



Residential



Commercial



Fleet



Parking



Specification

Specifications are subject to change without notice.

| | | |
|---------------------------|--|--|
| Model | IOCAH-7S / IOCAH-7T | IOCAH-22S / IOCAH-22T |
| Application | Residential / Commercial | |
| Voltage and Wiring | Single Phase 230V | Three Phase 400V |
| Frequency (Hz) | 50/60Hz | |
| Current Output | Single Phase 32A Max | Three Phase 32A Max |
| Charging Connector | Type-2 Socket or Type-2 Tethered 5m | |
| RCD | 30mA AC & 6mA DC | |
| Electrical Protection | Over current, Under voltage, Over voltage, Over temperature, Surge protection, Short circuit, Ground fault | |
| Buttons | 1 x Physical Button | |
| Indications | Standby(Green), Charging(Flashing Green), Fault(Red), Warning(Flash Red) | |
| Network Connectivity | Ethernet, WLAN, Cellular | |
| RFID | ISO 14443 A/B | |
| Display | 2.8' LCD | |
| Data Protocol | OCPP1.6J, OCPP2.0.1 | |
| Operation Temp. | -30 °C ~ 50 °C / -22 °F ~ 122 °F | |
| Storage Temp. | -40 °C ~ 70 °C / -40 °F ~ 158 °F | |
| Working Humidity | 5%~95% without condensation | |
| Mounting Type | Wall Mount (default) / Floor post (optional accessory) | |
| Ingress Protection | IP55 | |
| Dimension (H x W x D, mm) | 380mm x 288mm x 141mm | |
| Web Portal Management | Yes | |
| Weight | 4.6Kg Socket Version 6.7Kg Tethered Version | 5.1Kg Socket Version 7.7Kg Tethered Version |
| Mobile App | ios/Android | |
| Certification | CE, IEC 61851-1, IEC 62196-2 | |

| Version | Basic | Smart |
|--------------------------|---|---------------------------------------|
| User Interface & Control | | |
| Display | No Display | 2.8' LCD |
| Charger Configuration | DIP Switch | Web Portal |
| User Authentication | RFID Card Reader (optional) | RFID Card Reader |
| Communication | | |
| Network Interface | - | Ethernet, WLAN Cellular (optional) |
| Charging Protocol | - | OCPP 1.6J, upgradable to OCPP2.0.1 |
| Metering | | |
| Meter IC | Meter IC for Measuring & Load Balancing | |