



Smart AC Charger

Main Features

Powerful Charging Capability

Up to 32A, 40A, 50A versions available

Unique Design

Independent backplate for power cable connection

Smart Grid Savings

Schedule your charging 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-32	IOCAH-40	IO CAH-50
Application	Residential / Commercial		
Voltage and Wiring	Nominal 200-240 V AC single-phase		
Frequency (Hz)	50/60Hz		
Current Output	32A Max	40A Max	50A Max
Charging Connector	Type-1 SAE J1772		
RCD	Integrated, 20mA CCID		
Electrical Protection	Over current, Under voltage, Over voltage, Over temperature, Surge protection, Short circuit, Ground fault		
Buttons	1 x Physical Button		
Indications	Standby(Blue), Charging(Flashing Blue), 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 / -86 °F ~ 122 °F		
Storage Temp.	-40 °C ~ 70 °C / -104 °F ~ 158 °F		
Working Humidity	5%~95% without condensation		
Mounting Type	Wall Mount (default) / Floor post (optional accessory)		
Enclosure Rating	Type 3R		
Enclosure Dimension	380mm x 288mm x 141mm		
Shipping Dimension	500mm x 383mm x 243mm		
Weight	7.5Kg	8.3Kg	9Kg
Mobile App	iOS/Android		
Certification	UL 2594, UL2231, CSA C22.2 No.280-16		

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	