

# UN2 AC Series



Type 1 Plug



NACS Plug



Warranty 3 Years



32A/40A/48A/80A



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## Product Overview

The UN2 Series commercial charging stations feature advanced intelligent standby power management, cut standby power consumption by up to 60%. Equipped with multiple safety protections and an SAE J1772 plug, with an optional NACS interface, it is the ideal choice for operators.

# Highlights

## SEAMLESS CONNECTIVITY

Equipped with Wi-Fi and LAN connectivity (4G optional).



## ADVANCED DESIGN

Innovative retractable drawer structure for effortless installation and maintenance saving both time and costs.



## ENERGY SAVING

Intelligent standby power management cut standby power consumption by up to 60%, significantly lowering energy costs.



## HIGH RELIABILITY

Comprehensive safety features with IP65 & IK08 ratings, ensuring durability in both indoor and outdoor environments.



## HIGH FLEXIBILITY

Compatible with both SAE J1772 Type 1 and NACS connectors, offering versatile charging options.



## OCPP-COMPLIANT

Optional OCPP 1.6J and OCPP 2.0.1 enabling advanced communication and smart charging solutions.

# Model Selection



Model No.	UN2			
	UN2-A32	UN2-A40	UN2-A48	UN2-A80
<b>ELECTRICAL SPECIFICATION</b>				
Input Connector	Default cable *1m, Hardwired Optional			
Voltage	208/240V, 180 to 264 VAC			
Amperage/Power Output	32A/7.6KW	40A/9.6KW	48A/11.5KW	80A/19.2KW
Energy Metering Accuracy	±1%			
Mounting Option	Wall or Pedestal mount, Pedestal Optional			
<b>CHARGING INTERFACE</b>				
Charging Connector	SAE J1772 Type 1 Plug, NACS Optional			
Charging Cable Length	18ft Standard, 25ft Optional			
<b>USER INTERACTION</b>				
Display	4.3"color LCD, 480 x 272			
LED Status Indicator	POWER/CHARGING/CONNECT/FAULT status indication			
Touch Button	Wake up the device from sleep			
RFID	ISO14443 Type A&B			
<b>COMMUNICATION</b>				
Network Interface	LAN and WiFi/BT Standard, 4G Optional			
Charging Protocol	OCPP1.6J/OCPP2.0.1			
ISO15118	Optional			
Extend	RS485*1 Standard,RS485*2 Optional			
Config Tool	Web Portal over LAN or WiFi			
<b>SAFETY &amp; COMPLIANCE</b>				
Ground Fault Detection	CCID20			
Surge Protection	6kV @3,000A			
Protection	UVP(UnderVoltage), OVP(OverVoltage), OCP(OverCurrent), OTP(OverTemp), Control Pilot Fault Protection, Relay-sticking protection, Ground Fault Protection			
Safety Compliance	UL 2594 / CSA C22.2 No. 280-16,UL 2231-1 / CSA C22.2 No. 281.1-12,UL 2231-2 / CSA C22.2 No. 281.2-12			
Certification	ETL/FCC/EnergyStar			
<b>ENVIRONMENTAL</b>				
Operating Temperature	-22°F to 131°F (-30°C to 55°C)			-22°F to 122°F (-30°C to 50°C)
Operating Humidity	5%~95% RH, Non-condensing			
Operating Altitude	≤2000m, No Derating			
Enclosure Rating	Type 3			
<b>SPECIFICATION</b>				
Net Weight	5.2kg		6.5kg	8.9kg
Gross Weight	6.9kg		8.5kg	10.1kg
Product Dimensions	341W*200D*111H(mm)			
Package Dimensions	438W*373D*315H(mm)			