

# UN1 AC Series



Type 1 Plug



NACS Plug



Warranty 3 Years



32A/40A/48A/80A



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## Product Overview

The UN1 Series commercial charging stations are equipped with dynamic load balancing to optimize charging efficiency. They not only feature an SAE J1772 plug and an optional NACS interface, but also offer advanced cyber security measures and multiple layers of safety protection, it is the ideal choice for operators.

# Highlights

## SEAMLESS CONNECTIVITY

Equipped with LAN connectivity (Wi-Fi and 4G optional), ensuring chargers remain reliably connected.



## ADVANCED DESIGN

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



## POWERFUL PERFORMANCE

Delivers up to 80A of charging power accommodating a wide range of electric vehicles.



## 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

OCPP 1.6J and OCPP 2.0.1&ISO 15118 enabling advanced communication and smart charging solutions.



Model No.	UN1				UN1Pro			
	UN1-A32	UN1-A40	UN1-A48	UN1-A80	UN1Pro-A32	UN1Pro-A40	UN1Pro-A48	UN1Pro-A80
ELECTRICAL SPECIFICATION								
Input Connector	Direct connection, Hardwired Optional							
Voltage	208/240V, 180 to 264 VAC				208/240V, 180 to 264 VAC			
Amperage/Power Output	32A/7.6KW	40A/9.6KW	48A/11.5KW	80A/19.2KW	32A/7.6KW	40A/9.6KW	48A/11.5KW	80A/19.2KW
Energy Metering Accuracy	±1%							
Mounting Option	Wall or Pedestal mount, Pedestal Optional							
CHARGING INTERFACE								
Charging Connector	SAE J1772 Type 1 Plug, NACS Optional							
Charging Cable Length	18ft Standard, 25ft Optional							
USER INTERACTION								
Display	Segmented display							
Authentication	RFID: ISO14443 Type A&B							
COMMUNICATION								
Network Interface	LAN and WiFi/BT Standard, 4G Optional							
Charging Protocol	OCPP1.6J				OCPP1.6J/OCPP2.0.1			
ISO15118	No support				Optional(support ISO15118 EIM, Plug & Charge)			
SAFETY & COMPLIANCE								
Safety Protection	Ground Fault Detection: CCID20, Ground Monitor: UL2231, Surge Protection: 6kV @3,000A							
Protection	UVP, OVP, OCP, OTP, 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							
Certiffcation	ETL/FCC/EnergyStar							
ENVIRONMENTAL								
Operating Temperature	-30℃ ~ 55℃			-30℃ ~ 50℃	-30℃ ~ 55℃			-30℃ ~ 50℃
Operating Humidity	5%~95% RH, Non-condensing							
Operating Altitude	≤2000m, No Derating							
IP/IK Level	IP65/IK08							
SPECIFICATION								
Net Weight	7KG							
Gross Weight	8.2KG							
Product Dimensions	341W*200D*111H(mm)							
Package Dimensions	438W*373D*315H(mm)							