

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, reducing power consumption by 60% and significantly extending the lifespan of your LCD screen. 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 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.



ENERGY SAVING

Intelligent standby power management reduces electricity bills 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

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



Model No.	UN2				UN2Pro			
	UN2-A32	UN2-A40	UN2-A48	UN2-A80	UN2Pro-A32	UN2Pro-A40	UN2Pro-A48	UN2Pro-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	4.3"color LCD, 480 x 272				4.3"color LCD, 800 x 480/Support OTA display UI			
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)							