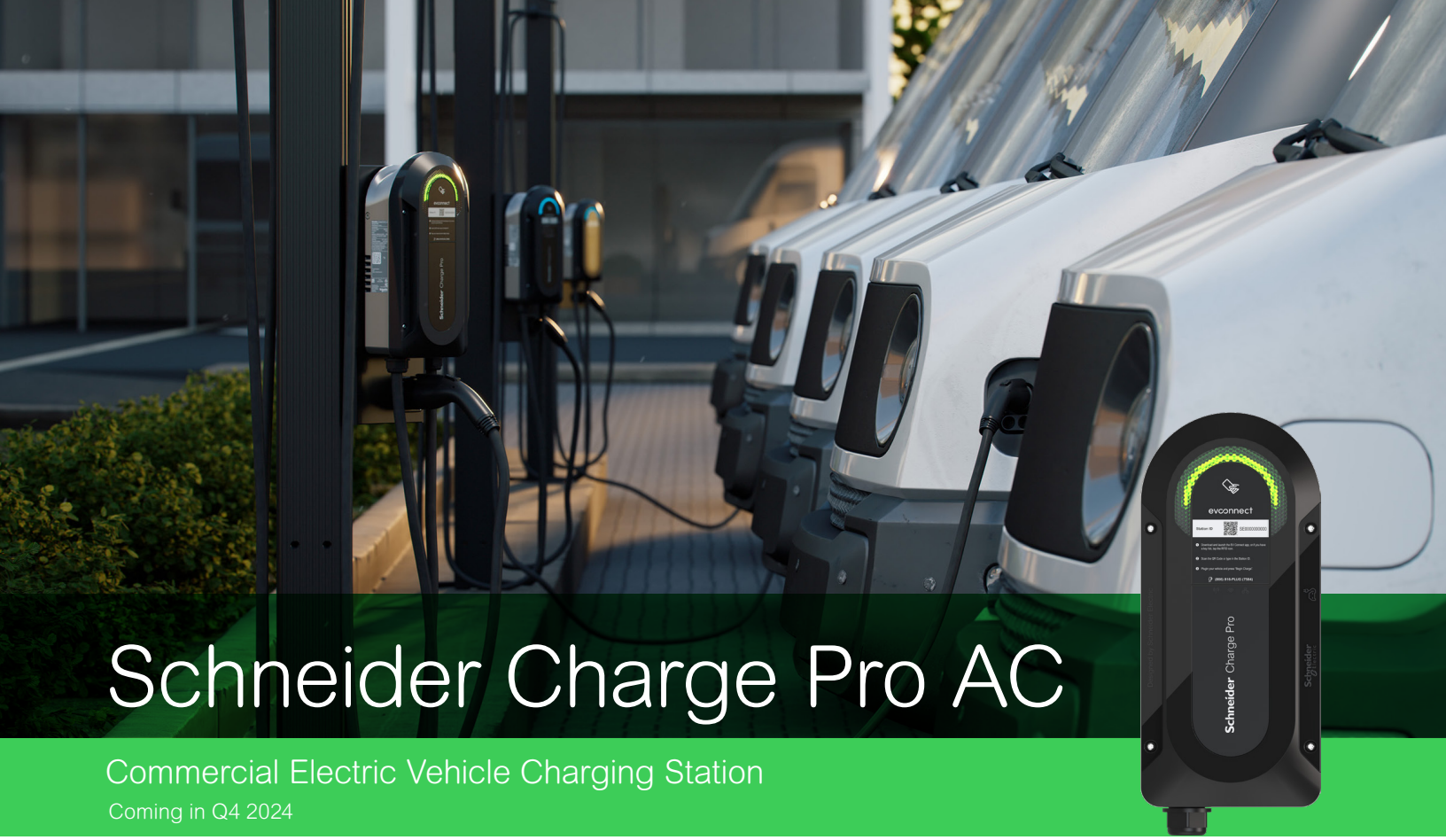

Schneider Charge Pro AC

Commercial Electric Vehicle Charging Station

Coming in Q4 2024

Schneider Charge Pro AC is a Level 2 AC electric vehicle charger that enables reliable, flexible, and sustainable smart charging, ensuring a seamless user experience for EV installers, operators and drivers. It is suitable for behind-the fence and non-CTEP* applications including multi-unit dwellings, fleet, workplace, and destination charging (hotels, parking garages, retail, etc.) Connect Schneider Charge Pro to the EV Connect charging network and include Square D power distribution equipment to create a reliable and robust EV infrastructure solution.

Seamless Integration

- Pre-configure with EV Connect charging management system for easy commissioning
- Configurable with OCPP 1.6 compliant charge management systems
- 15118-2 communication supported. Plug & Charge capable (through OTA)

Flexible Installation

- De-rateable amperage for flexible installation
- Space savings with slim and compact design
- Easy installation using mounting bracket design

Simplified Support

- Over-the-air (OTA) support for easy updates
- Field replaceable cable connection by a certified contractor
- Reduce downtime by bundling hardware, software, service, and warranty support

Charge Pro AC Features

- 48A Max or 80A Max version (de-rateable)
- Back and/or bottom conduit entry for easy installation
- 25 ft. cable for easy reach from plug to connector (J1772)
- Wi-Fi, Ethernet, or Cellular connectivity options
- Aluminum back enclosure for enhanced durability
- Smart charging supported via OCPP back end for added energy control

* California Type Evaluation Program (CTEP) is a certification program from the California Department of Food and Agriculture's Division of Measurement Standards (DMS).

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Preliminary

Technical Specifications

Schneider Charge Pro AC	PROAC48USJ1772EVC 48A AC UL with J1772	PROAC80USJ1772EVC 80A AC UL with J1772
Electrical		
Max Power Rating	11.5 kW	19.2 kW
Max AC Current Rating	48 A	80 A
Derating Dial	10 A, 12 A, 16 A, 20 A, 24 A, 32 A, 40 A, 48 A (Accessible only to installers)	10 A, 12 A, 16 A, 20 A, 24 A, 32 A, 40 A, 48 A, 63 A, 80 A (Accessible only to installers)
Input Voltage	208 VAC / 240 VAC	
Frequency (VAC IN)	60 Hz	
Wiring (VAC IN)	L1 - L2 - PE	
Coupler	J1772	
Mechanical		
Mounting	Wall or Pedestal Mountable (3rd party Pedestal sold seperately)	
Dimensions (D x W x H)	5.4 x 7.2 x 16 in (138 x 184 x 406 mm)	
Cable Length	25 ft (7.62 m)	
Weight (with cable)	18.5lbs (8.4kg)	24.7lbs (11.2kg)
Wire Entrance Location	2x Bottom (1 in) | 3x Back (2 x 1 in, 1 x 3/4 in)	
Status LED	Charging Status and Network Connection	
LED Intensity Control	Adjustable brightness setting	
Operating Temperature	-22 °F to +122 °F (-30 °C to +50 °C)	
Storage Temperature	-40 °F to +140 °F (-40 °C to +60 °C)	
Altitude (without Derating)	6560 ft (2000 m)	
Operating Humidity	5% - 95% non condensing	
Enclosure	Type 4	
Impact	IK10	
Commissioning		
Preconfigured Set up for EV Connect	EV Connect backend ready with EV Connect SIM (Can be manually configured for other Charger Management Software that supports OCPP)	
Connectivity		
Comms Hardware	Wi-Fi 802.11n (2.4GHz), Ethernet 10/100, 4G LTE Cellular	
RFID	NFC/RFID IEC 14443 Type A, 14443 Mifare, NFC Forum tag type 2 & 4	
Submetering Accuracy	±1%	
Communication		
ISO15118-2	15118-2 communication supported. Auto charge supported. Plug & Charge capable (through OTA)	
OCPP	OCPP 1.6J (future OTA for 2.0.1 support)	
Offline/Non Network Mode Fallback Configuration	Local list support or freevend	
Plug and Charge	Hardware ready	
Safety		
Certifications*	UL and cUL listed; UL 2594, CSA C22.2 No. 280:22, UL 2231-1 and 2231-2, UL 1998	
Manufacturing		
Warranty (From Date of End Customer Sale)	3-year limited parts warranty	
Environmental		
Environmental Standards*	Energy Star, FCC Part 15 Class B, RoHS, REACH	
Cybersecurity		
Security Guidelines	Includes a TPM (Trusted Platform Module), Signed software updates, Developed using an IEC 62443 compliant reference framework	
Spare Parts		
Spare Cable	PROAC48J1772CBLE	PROAC80J1772CBLE
In Field SIM Card Swap	Yes	

*Pending

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