

VersiCharge Blue™ 80 AC Series

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Features



Faster AC charging

- 19.2 kW (80A)
- Built to deliver the fastest AC charging experience



Focus markets

- Fleet and commercial vehicle applications where fast AC charging is needed.
- Supports the growing medium duty truck electrification happening across the country.
- Can charge all standard EVs including Tesla with an adapter.



Quality made

- NEMA 4 and IK10 rated
- Buy American
- 3-year warranty
- 24-ft cable with cable management



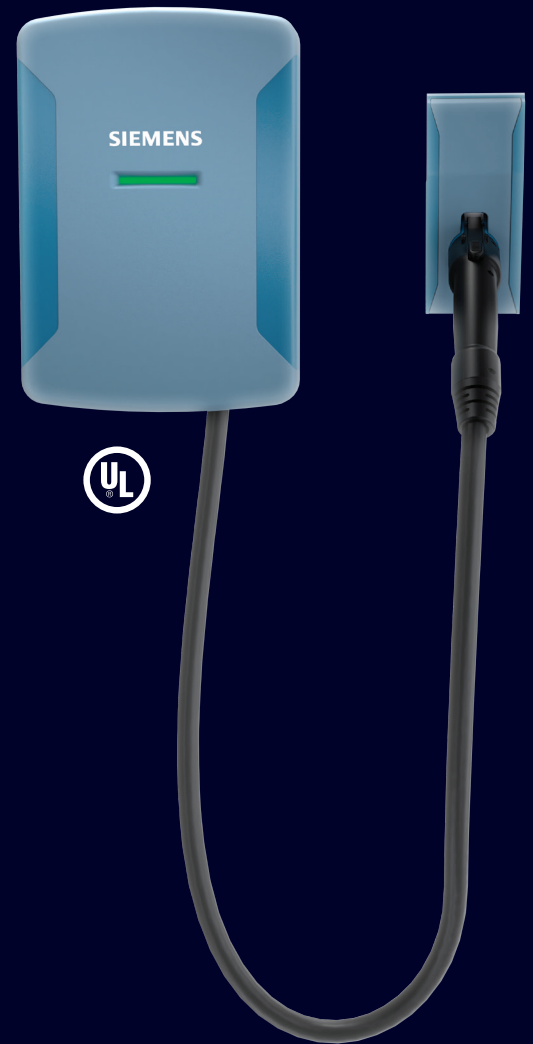
Efficient and reliable

- Energy Star and Energy Star Connected
- UL listed
- Resilient operations under extreme temperatures



Smart charging

- ISO15118 HW-ready & OCPP1.6J (2.0.1 upgradeable)
- Complete control with Siemens SW solutions
- Cellular and Wi-Fi enabled network sharing



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VersiCharge Blue 80A – Technical Data

Features and Functions

Charging mode	Level 2
Vehicle connection	J1772 Type 1 plug with 24 ft cable, 80 A
AC power output	Up to 19.2 kW (240VAC at 80A) - requires a 100A breaker
Mounting options	Wall or Post Mounting, see accessories
LEDs	Charging status; connectivity status; fault status
Network-sharing	Connects to one non-cellular charger by Wi-Fi within 20 feet line of sight
Load management	Via OCPP and Modbus TCP/IP, Modbus RTU coming later
Warranty	Includes 3-year warranty

Communication

Interfaces	Wi-Fi and Cellular
User authentication	OCPP, ISO15118-2 HW-ready
Configuration	Sifinity Go (Up to 10 chargers) or Sifinity Setup mobile app
Software upgrade	Over-the-air (OTA)
Back-end protocol	OCPP 1.6, upgradeable to OCPP 2.0.1

Electrical design

Power supply voltage	120/208V, 120/240V AC 60Hz
Rated current settings (A)	12, 16, 32, 40, 48, 64, 80
Wire cross section	3 AWG, minimum 90°C rated (to deliver 80A)
Energy metering	Embedded metering
Ground fault protection	20 mA
Over voltage protection	Over voltage: 264V (maximum 275 V)
Operating altitude	6,651 feet

General design

Environmental rating	NEMA 4, IK 10
Dimensions (H x W x D)	16.8 in. x 11.6 in. x 4.2 in. (429 mm x 294 mm x 105 mm)
Weight	27 lbs (12 kg)
Ambient conditions	-40 °C to +50 °C, >50 °C with derating, -40° C to +85° C (storage), 98% relative humidity, non-condensing
Colors	Siemens blue (Pantone 7700); FE gray

Certificates and standards

cUL listed	According to UL 2594, UL 991, UL 1998, UL 2231, file no. E522055
CMC	FCC Part 15 Class A
Consumption	Energy Star certified and Energy Star Connected certified
Certification	Buy American compliant

Catalog numbers

8EM1315-7BG16-1FH2	Buy America Compliant - 80A (19.2kW) VersiCharge Blue 80 Charger, Cellular/Wi-Fi model
8EM13931PA12	VersiCharge 80A 95" single post with retractable cable management
8EM13932PA12	VersiCharge 80A 95" dual post with retractable cable management

Legal Manufacturer

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