

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 school bus electrification happening across the country.
- Charging for standard EV vehicles is also supported including Tesla with an adapter.



Quality made

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



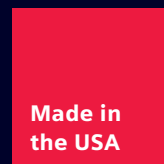
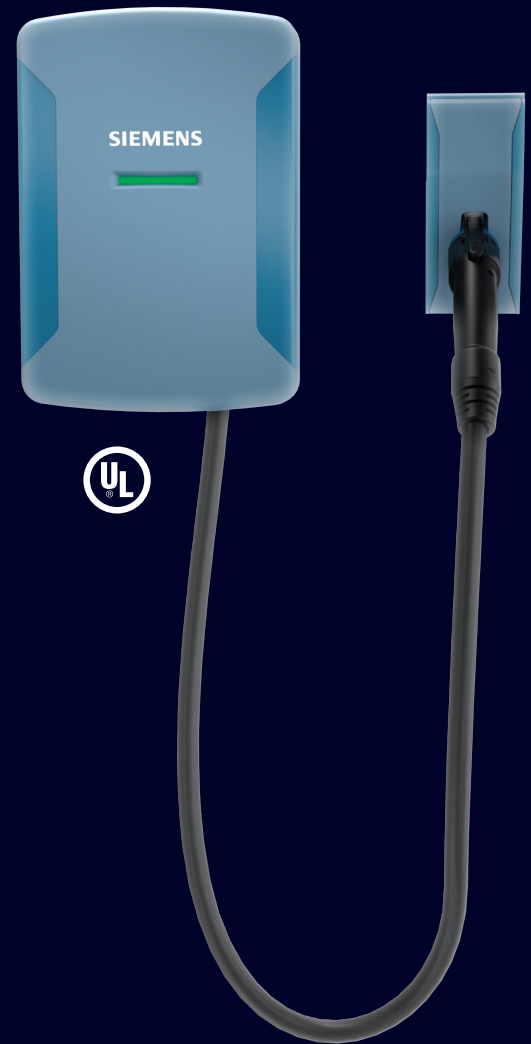
Efficient and reliable

- Energy Star
- UL listed



Smart charging

- ISO15118 HW-ready & OCPP1.6J (2.0.1 upgradeable)
- Complete control with mobile app
- Cellular, Ethernet, and Wi-Fi enabled network sharing



VersiCharge Blue™ 80 AC Series

usa.siemens.com/versichargeblue80

SIEMENS

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 5-year warranty

Communication

Interfaces	Wi-Fi, Ethernet, Cellular (depending on configuration)
User authentication	OCPP
Configuration	Via Siemens Sifinity Go 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 - 1% metering accuracy across complete temperature range
Ground fault protection	20 mA
Over voltage protection	Over voltage: 264V (maximum 275 V)
Over current protection	+10% above configured threshold
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 (operational), -40° C to +85° C (storage)
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 (commercial variants), FCC Part 15 Class B (residential variants)
Consumption	Energy Star certified
Certification	Buy American compliant

Catalog numbers

8EM1315-7BG14-0FH0	Buy America Compliant - 80A (19.2kW) VersiCharge Blue 80 Charger, Wi-Fi/LAN/Ethernet model
8EM1315-7BG16-1FH2	Buy America Compliant - 80A (19.2kW) VersiCharge Blue 80 Charger, Cellular/Wi-Fi model

Legal Manufacturer

Siemens Industry, Inc.
3617 Parkway Ln
Peachtree Corners, GA 30092
United States of America
Telephone: +1 (800) 333-7421
helpline.sii@siemens.com
Article No. SIE-B40077-00-4AUS
© 05.2024, Siemens Industry, Inc.

This document contains a general description of available technical options only, and its effectiveness will be subject to specific variables including field conditions and project parameters. Siemens does not make representations, warranties, or assurances as to the accuracy or completeness of the content contained herein. Siemens reserves the right to modify the technology and product specifications in its sole discretion without advance notice.