VersiCharge Blue™
Buy American Compliant
(with 25-foot cable)

VersiCharge™ AC

VERSICHARGE™ 48 A AC & VERSICHARGE BLUE™ 48 A AC SERIES

Energizing the evolution of eMobility

usa.siemens.com/versicharge

SIEMENS

The evolution of eMobility

The future builds on experience

Electromobility has become one of the most important technology trends as the world moves toward a cleaner, more sustainable future. As of 2018, over three million electric vehicles (EVs) worldwide were on the road. Climate conscious consumers are responding to more competitively priced EVs due to government rebates, lower up-front and maintenance costs, batteries with extended range and more stringent state and federal emissions regulations, but charging infrastructure is still needed.

eMobility innovation has always been in Siemens' DNA. The evolution of transportation began with the company's introduction of the world's first electric railway in 1879. Soon after came the invention of the electric generator, the first trolleybus in 1882 and a four-seater electric car in 1905.

Siemens' PlugtoGrid™ end-to-end solutions make it possible to design and execute EV charging infrastructure projects of any size. Chargers can be easily connected to the grid with Siemens' eMobility™ open-protocol, charging technology and electrical power distribution solutions as well as flexible options like energy storage, renewable power integration, smart building management and managed cloud services.

Building on the VersiCharge product line, Siemens presents the third generation of the award-winning VersiCharge alternating current (AC) chargers with added functionality such as smart building integration, flexibility with configurations and communications, secure and certified billing and more. The Buy America-compliant VersiCharge Blue™ AC represents Siemens commitment to local manufacturing in the U.S. VersiCharge™ AC chargers get you charged and ready to go!

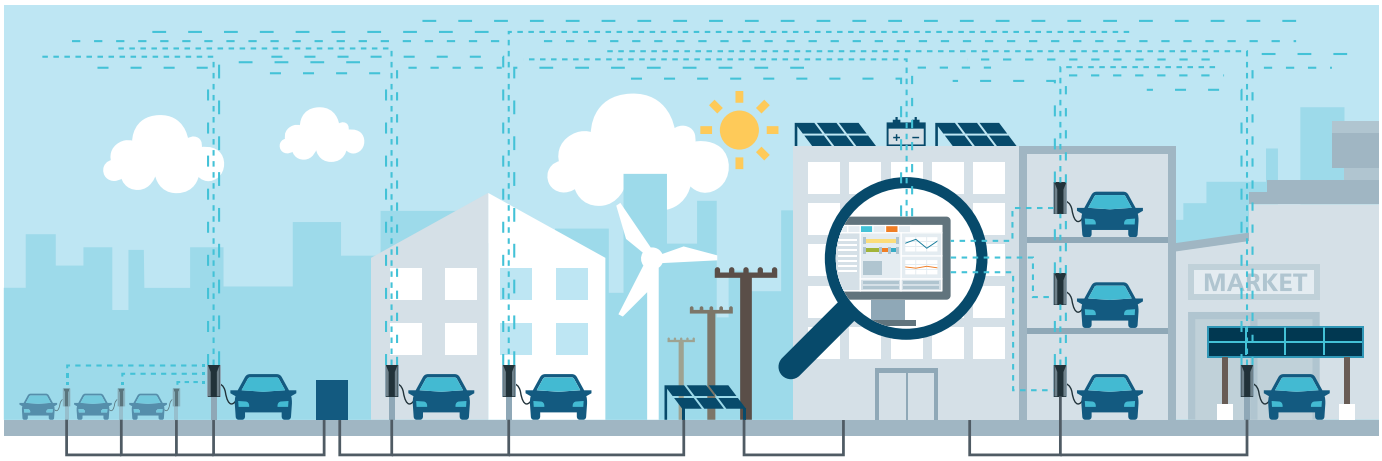
VersiCharge™ 48 A AC and VersiCharge Blue™ 48 A AC Series

Powerful, versatile, cost-efficient

Siemens VersiCharge chargers have stood for superior quality, ruggedness, and proven technology for more than a decade and have reliably provided millions of charges to EV drivers worldwide. The new third generation VersiCharge AC charger is continuing this tradition with numerous enhancements including a fresh and appealing design, up to 11.5 kW of AC charging power and optional Buy-America compliance (VersiCharge Blue™ AC). It also provides various communication options, including the option to establish network sharing.

The VersiCharge AC charger can be connected to the customer's preferred back-end system, making it scalable and cost-efficient. It also can interact with a building management system via Modbus. The rugged and slender VersiCharge AC charger is suitable for both indoor and outdoor use and can either be mounted on a wall or a supplementary post.

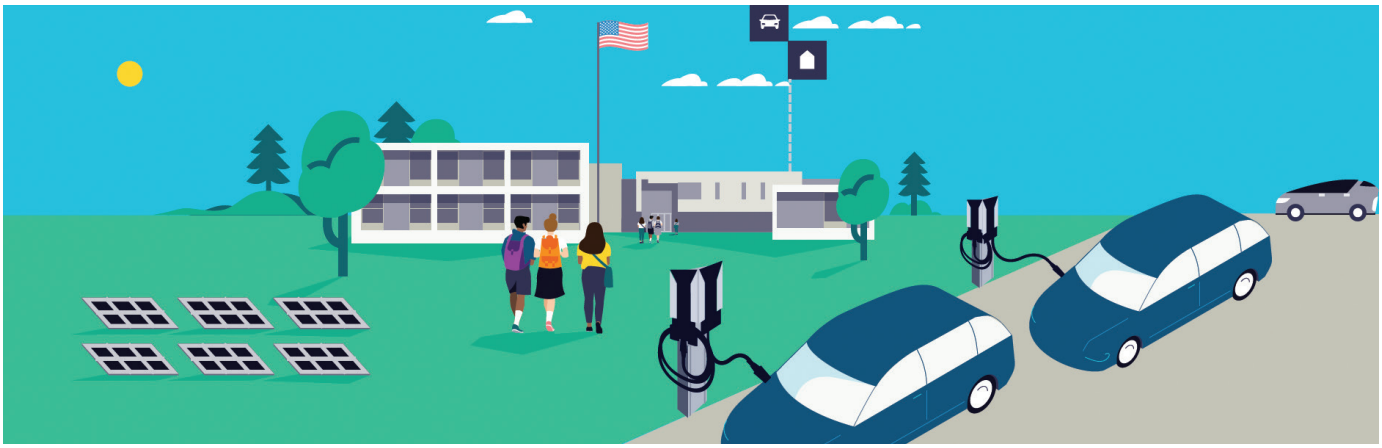
The VersiCharge AC Series is NTEP-certified which do not rely on a physical screen or credit card reader and comply with the California Type Evaluation Program (CTEP) requirements for public charger deployment. Siemens is partnering with various SW-providers for the required cloud service.



The ideal solution for any application

VersiCharge is perfect for all applications, including workspaces, retail, hospitals, parking garages, airports, school campuses and multi-residential dwellings, as well as light to medium-duty fleets. This AC charger comes with an easy-to-use mobile application and can charge any standard EV.

As an addition to our portfolio, the VersiCharge Blue offers cutting-edge technology that meets Buy American compliance. VersiCharge Blue aims to reduce dependence on other countries for key raw materials, components and other products vital to growing EV infrastructure.

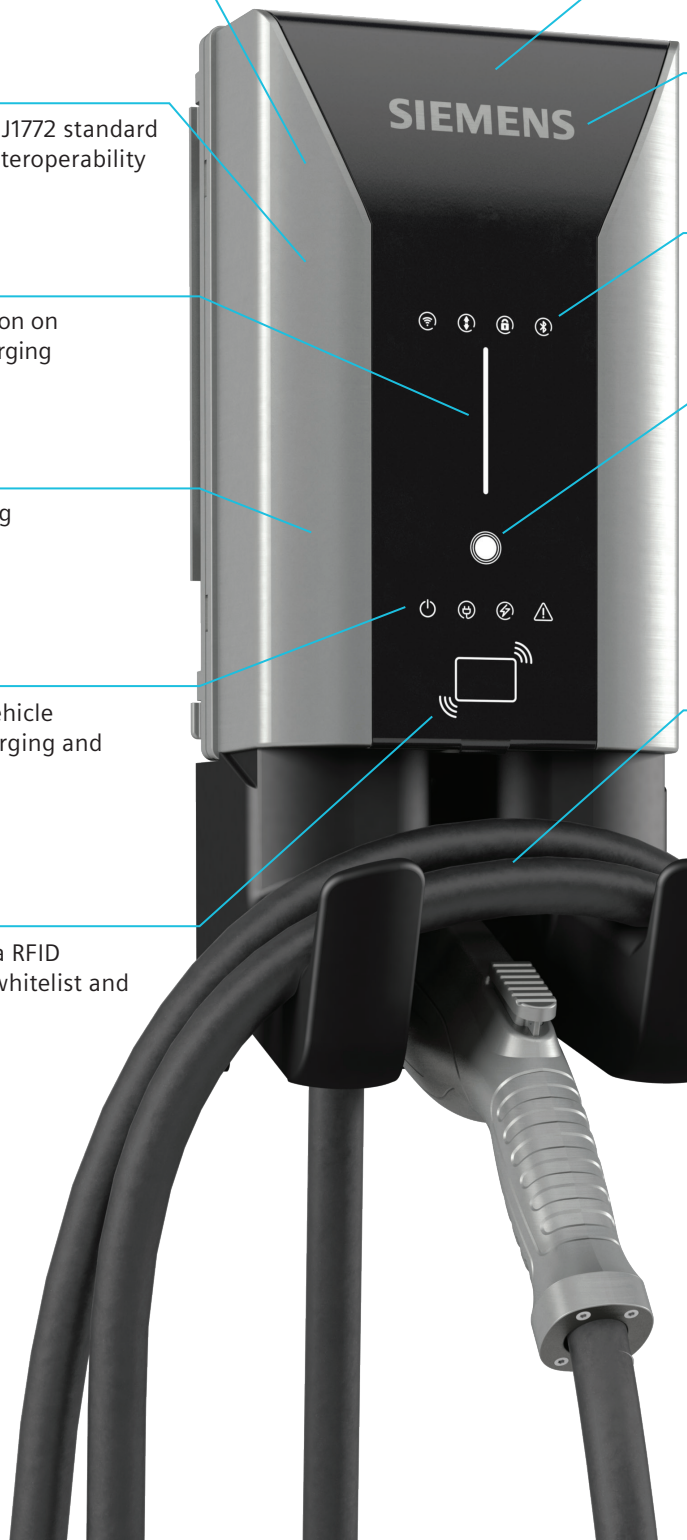


Making a difference

Key features

The VersiCharge 48 A AC and VersiCharge Blue 48 A AC chargers are easy to use and are compatible with all applicable charging standards.

Note: This image depicts a VersiCharge AC model, VersiCharge Blue AC is available in dark blue.



Rugged housing fit for outdoor applications (NEMA 4X)

UL listed and tested to J1772 standard to ensure safety and interoperability with all standard EVs

Status bar for information on authentication and charging

NTEP-certified metering

Status LEDs indicate vehicle connection status, charging and fault status

User authentication via RFID (MIFARE classic, local whitelist and synching via OCPP)

Integrated high performing dual band Wi-Fi

UMTS LTE/4G connectivity for mobile-network communication

Status LEDs indicating connectivity authentication

Touch-sensitive button for fault reset and reconfiguration

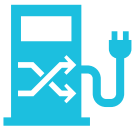
20-foot (25-foot with VersiCharge™ Blue) charging cable and integrated cable management for convenient storage

Setting the stage

Benefits designed for you

Smart Building Integration

- Monitor and control through third-party systems
- Modbus RTU and TCP communication
- OCPP communication



Flexibility

- Various communication possibilities
- Wall or post mounted
- Remote upgradeability

Robust and Reliable

- Indoor outdoor capable (NEMA 4X)
- Designed to meet highest cybersecurity standards
- Industry leading safety features

State of the Art and Future Proof

- Energy Star certified
- NTEP-certified and CTEP-compliant
- Buy American compliant
- Can be purchased through Sourcewell, GSA, BPA, and through our Siemens partners

Intuitive Design

- Smart interface and easy usability
- Quick setup using the mobile app for iPhone and Android
- Integrated upstream electrical protection

Integrity

- Cost effective
- Third generation VersiCharge AC charger
- Quality by Siemens

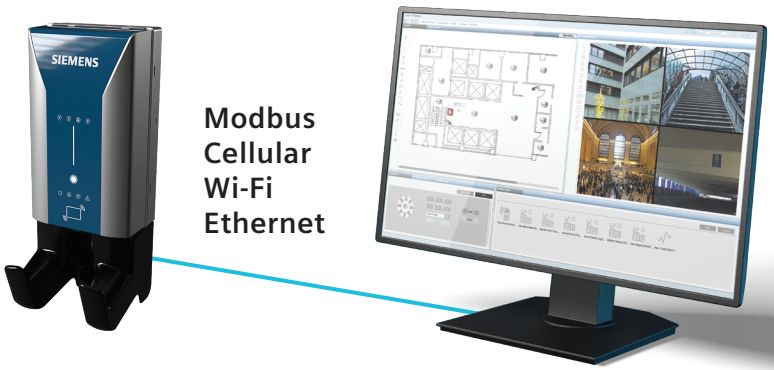
NTEP Certification

Siemens is proud to announce one of the first NTEP-certified AC charger solution in the market that does not rely on a physical screen or credit card reader and complies with the California Type Evaluation Program (CTEP) requirements for public charger deployment. The Siemens NTEP AC charger offering coupled with our Sifinity Setup mobile app (Android/iOS) and web-based dashboard provides a simple solution for public applications in California. Siemens is partnering with various software providers for the required cloud service, whose offerings include a mobile display that fulfills the stringent requirements for NTEP certification. This expansion of the Siemens Versicharge™ AC charger offering continues our commitment to openness and ease of use in the EV charging market.

Flexibility for the future

Smart building integration

VersiCharge AC chargers offer various communication interfaces for seamless integration to local and remote networks.



Network sharing from one cellular device to a non-cellular device

Modular system configuration

Whether you are using the VersiCharge cellular units just as a communications gateway or to execute more extensive local networking and control functions, our network sharing configuration options will reduce investment and operational costs.

Flexible posts for all applications

- PV fade-resistant and rust-resistant
- Multiple wiring options
- Single and dual post options
- Cable retraction system
- Posts come with install kits for easy installation

Description	Catalog Numbers
VersiCharge dual post: 95 inches (side by side), with dual cable retraction system for 20 or 25-foot cable	US2:VCPOSTCR2A
VersiCharge single post: 95 inches, with cable retraction system for 25-foot charging cable	US2:VCPOSTCR1A
Two VersiCharge™ AC NTEP, 1 year cell service for network sharing, 1 year of cloud services for two devices, 1 Dual side-by-side 95" integrated post with cable retraction system	US2:VERSIPACK48CLO
Two VersiCharge Blue™ NTEP, 1 year cell service for network sharing, 1 year of cloud services for two devices, 1 Dual side-by-side 95" integrated post with cable retraction system	US2:VERSIPACK48BAC
One VersiCharge™ AC NTEP, 1 year cell service, 1 year of cloud services, 1 single 95" integrated post with cable retraction system	US2:VERSIPACK48AB1
One VersiCharge Blue™ NTEP, 1 year cell service, 1 year of cloud services, 1 single 95" integrated post with cable retraction system	US2:VERSIPACK48BA1

VersiCharge™ 48 A AC & VersiCharge Blue™ 48 A AC Series – Technical Data

Features and functions	
Charging mode	Level 2
Vehicle connection	J1772 plug with 20-foot cable, (25 ft. for VersiCharge™ Blue) 40 A / 48 A / integrated cable management
AC power output	Split phase up to 9.6 kW (40 A) - requires a 50 A breaker, or 11.5 kW (48 A) - requires a 60 A breaker
Mounting options	Wall and post mounting, see accessories
Touch button	Reset faults, reconfiguration
Charging status LEDs	Power, charging state, authentication
Communication status LEDs	Connected / not connected during operation
Network Sharing	Connects to one non-cellular charger by Wi-Fi within 20 feet line of sight
Load management	Via OCPP and Modbus
Communication	
Interfaces	Wi-Fi, Ethernet, RS485 (Modbus RTU) and LTE, WCDMA with optional cellular plan
User authentication	RFID (local Whitelist, MIFARE); ISO15118-2 HW-ready
Configuration	Via Sifinity Go (Up to 10 chargers) or Sifinity Setup (Android / iOS)
Back-end protocol	OCPP 1.6, upgradeable to OCPP 2.0.1
Software upgrade	Over-the-air (OTA)
Electrical design	
Power supply voltage	Single phase: 208 V / 240 V AC, 60 Hz
Rated current settings (A)	12, 16, 24, 32, 40, 48
Wire size	8 AWG / 6 AWG (90 °C rated wire)
Network type	Split phase
Energy metering	NTEP-certified metering, 1% accuracy
Ground fault protection	20 mA
Over voltage protection	267 V (maximum 275 V)
Operating altitude	6,562 ft
General design	
Environmental rating	Indoor and outdoor, NEMA 4X, IK 8
Dimensions (H x W x D)	16.10 in x 7.09 in x 3.78 in
Weight	22 lbs
Ambient conditions	Operating temperature: -30 °F to +122 °F, storage temperature: -40 °F to +140 °F, 98% non-condensing
Colors	Silver metallic (Pantone 10077), black holster; Dark Blue (Pantone 7700) for VersiCharge Blue AC
Certificates and standards	
cUL listed	According to UL 1998, UL 991, UL2594/CSA C22.2 No.280/NMX-J-677-ANCE, UL 2231-1/CSA C22.2 No.281.1/ NMX-J-668-1, UL 2231-2/CSA C22.2 No.281.2/NMX-J-668/2-ANCE, UL 2251/CSA C22.2 No.282/NMX-J-678-ANCE
EMC	FCC Part 15 Class A (commercial variants); FCC Part 15 Class B (residential variants)
Certifications	Energy Star 1.2 & Energy Star + Connected certified, NTEP certified
Warranty	3 year warranty

	Maximum current	Model number	Wi-Fi and Ethernet	RFID identification	LTE WCDMA	Installed SIM card	NTEP certification	Buy-American compliant
VersiCharge™ AC	48 A	8EM1310-5HF14-1GA2	✓	✓	✓	✓	✓	
VersiCharge Blue™ (Buy American compliant)	48 A	8EM1315-5HG14-1GA2	✓	✓	✓	✓	✓	✓

Back-end protocol: OCPP 1.6, upgradeable to OCPP 2.0.1

Data plans for chargers: Siemens offers chargers with data plans for customer convenience. A cellular plan is required for cell activation. See table below for data plans.

Description	Catalog number
1-Year Cell Data Plan. USA / Puerto Rico / Canada. This is an annual fee.	US2:DATAPLAN1
1 additional year of extended warranty per charger. Parts Only. No On-Site services. Only available at time of hardware purchase.	US2:VCEXWAR1YR
2 additional years of extended warranty per charger. Parts Only. No On-Site services. Only available at time of hardware purchase.	US2:VCEXWAR2YR

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