

SIEMENS



VERSICHARGE™ AC SERIES

# Charging on with cutting-edge technology

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# Powerful, versatile, cost-efficient

## The VersiCharge AC series

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 (electric vehicle) drivers worldwide. The new third generation VersiCharge AC charger is continuing this tradition with numerous groundbreaking enhancements, a fresh and appealing design and up to 11.5 kW of AC (alternating current) charging power for 55% faster charging.

Designed in compliance with the J1772 standard, the VersiCharge charges all standard vehicles, including Tesla models with an adapter, and comes with a 20-foot cable. The rugged and slender VersiCharge AC charger is suitable for both indoor and outdoor use and can be easily mounted on a wall or supplementary post.



## Perfect for smart home charging

VersiCharge AC charger comes with an easy-to-use mobile application that allows you to simply schedule delayed and planned charging with just a tap of a button from your phone. VersiCharge AC home

charger offers you cutting-edge technology that meets the needs and expectations of today's growing demand for fast, safe, reliable and efficient EV charging solutions.





# VersiCharge AC Series – Technical data

## Features and functions

Charging mode	Level 2
Vehicle connection	J1772 plug with 20 ft cable, 40 A / 48 A / integrated cable management
AC power output	Single phase up to 9.6 kW (40 A) or 11.5 kW (48 A)
Mounting options	Wall included with charger, and optional post mounting offerings, see accessories
Touch Button	Time delay, return to maximum, power level, reset ground fault
Charging status LEDs	Power, time delay, charging state, reduced power level, charger connected to cloud
Communication status LEDs	Connected / not connected during operation, signal strength during commissioning
Load management	via OCPP

## Communication

Interfaces	Ethernet and Wi-Fi
Configuration	via Siemens mobile app
Back-end protocol	OCPP 1.6, upgradeable to OCPP 2.0
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
Crosswire section	Single phase: 8 Awg / 6 Awg (75 °C rated wire)
Network type	Single phase / split phase
Energy metering	revenue accurate
Ground fault protection	20 mA
DC residual current monitoring	Not applicable
Over voltage protection	Under voltage: 167 V (minimum 80 V) / over voltage: 267 V (maximum 275 V)
Over current protection	Current +10% above configured threshold, minimum +2A, 5 seconds
Operating altitude	9,840 ft

## General design

Environmental rating	Indoor and outdoor, NEMA 4
Dimensions (H x W x D)	16.10 x 7.09 x 3.78 (in)
Weight	17 lbs
Ambient conditions	Operating temperature: -31 °F - +122 °F, storage temperature: -40 °F to +140 °F, 98% non-condensing
Colors	Silver metallic (Pantone 10077), black holster

## 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

40 A VersiCharge requires a 50 A miniature circuit breaker, and 48 A VersiCharge requires a 60 A miniature circuit breaker protection and wiring.

40 A VersiCharge is supplied with a wall plug, while the 48 A VersiCharge needs to be hardwired.

A certified electrician is recommended for installation.

		Maximum current	Model number	Wi-Fi	Ethernet	Wall Mounting Bracket	OCPP	Free Phone App
Single-family versions	Residential	40 A	8EM1312-4CF18-0FA3	✓	✓	✓	✓	✓
		48 A	8EM1312-5CF18-0FA3					

**Legal Manufacturer**

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