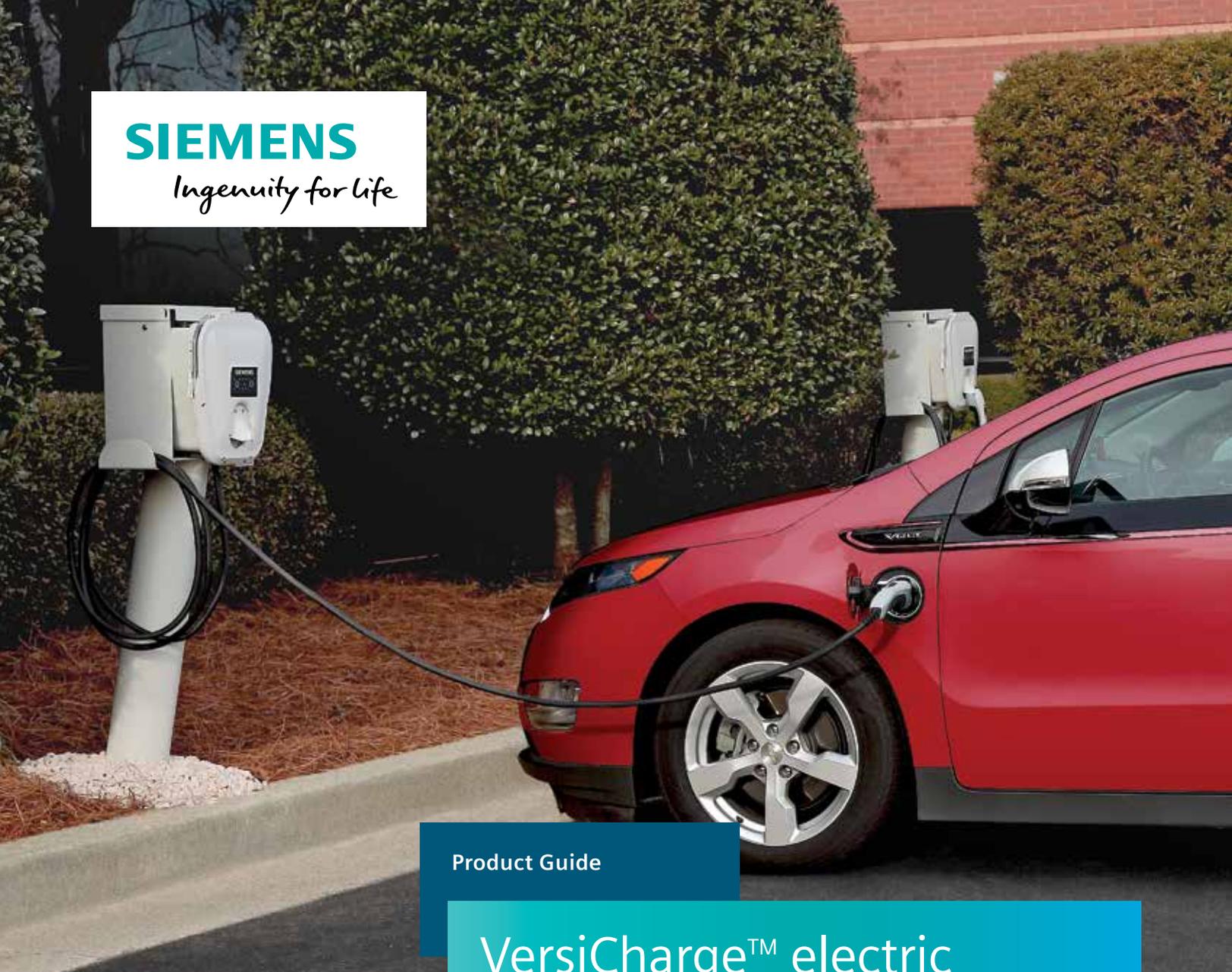




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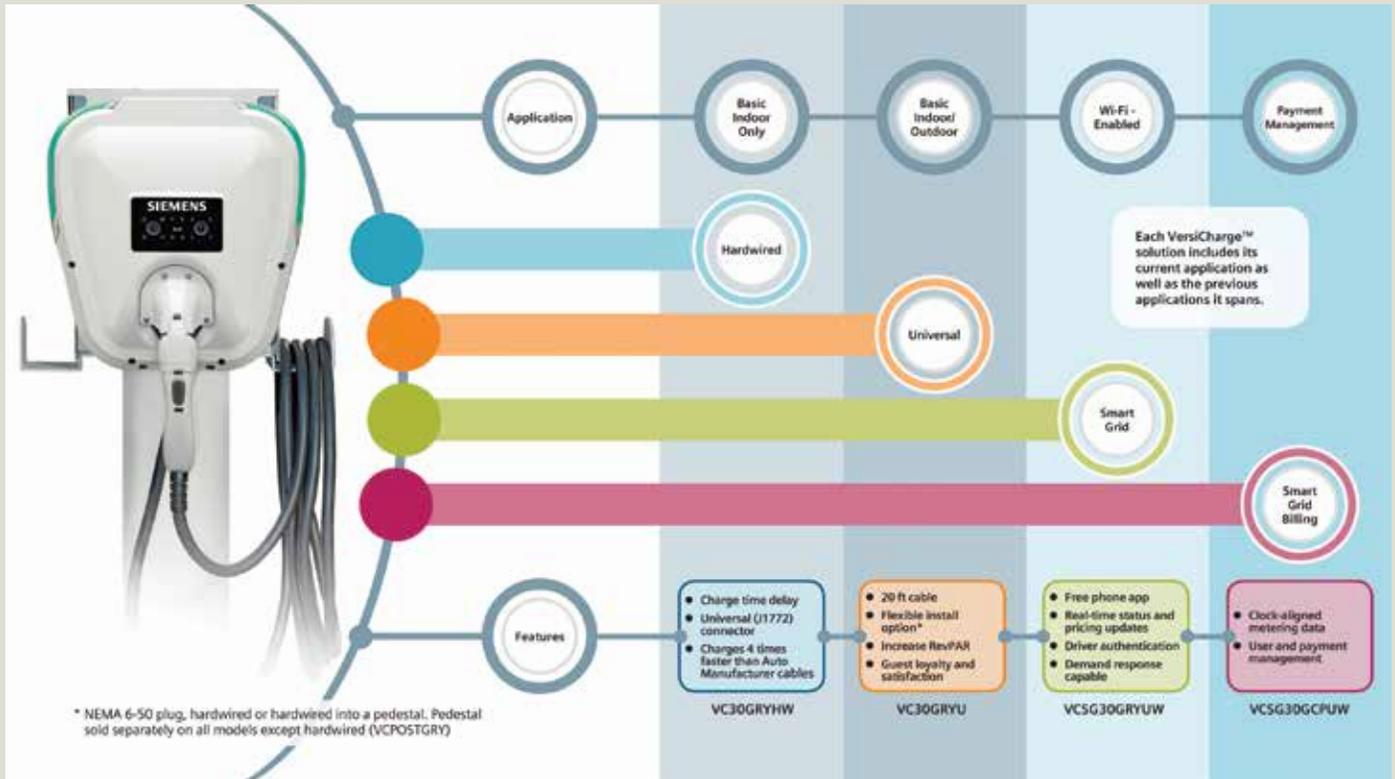
Product Guide

# VersiCharge™ electric vehicle charging stations

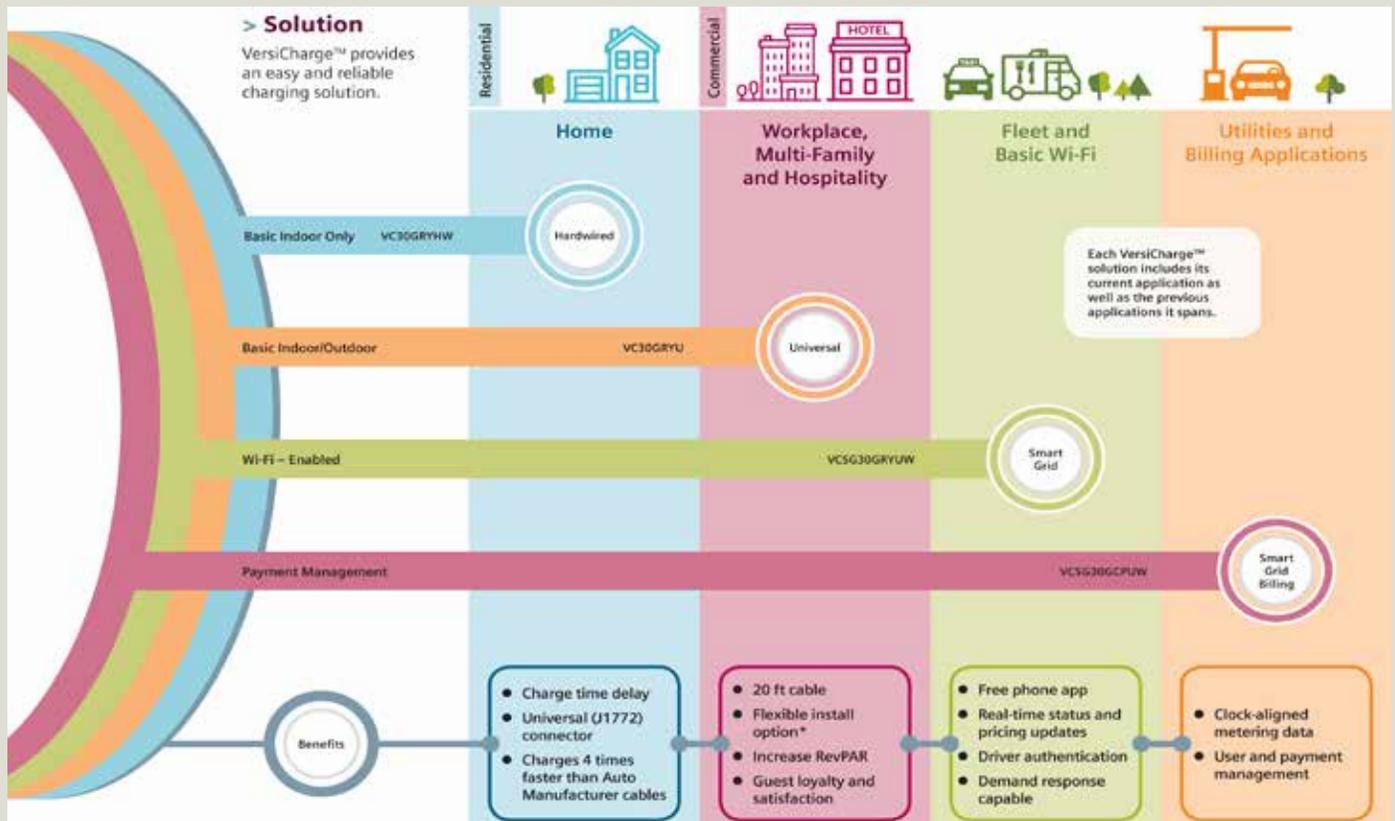
[usa.siemens.com/versicharge](http://usa.siemens.com/versicharge)

# Residential and commercial options.

## VersiCharge application features



## VersiCharge family solutions



# All VersiCharge devices feature:

## Easy to install

The included mounting bracket is easily attached to many surfaces with the included screws. Universal VersiCharge units can either be plugged in below or behind the unit. Hardwire installation is possible with all VersiCharge models.

## Cost effective option available

For installations which do not require the unit to be plugged into the wall, the VersiCharge hardwire (HW) model is a very cost effective option without sacrificing any convenience.

## Delay button

A simple, multi-setting delay timer has been built into the Siemens VersiCharge to allow the user to delay charging up to 8 hours with the press of a button. Charging sessions automatically start after the delay timer has completed.

## Charging status indicating halo

An LED halo on every VersiCharge makes reading the charging status of the unit from a distance seem like second nature.

## Maximum power adjustment switch

Installing electrical vehicle chargers into older homes can be a challenge. With the Siemens VersiCharge, the EVSE power output can be adjusted to match facility capability. Increments range from a maximum power setting of 7.2 kW down to 1.8 kW.

## Designed for the user and the environment

Integrated holster keeps dust and debris out of plug. 60% recycled material with matte finish is rugged, durable, and easy to clean. The SAE J1772 connector is ergonomically designed for user comfort. The 20' cord is easily stored with the integrated cord management system.

## Flexible demand response profile

To support advanced demand response programs, all VersiCharge models feature variable amperage demand response and allow consumers to take advantage of utility rate programs. This feature ensures the energy demand from the EVSE can be curtailed with a reduced impact to the end user.



# Wi-Fi enabled VersiCharge SG

All VersiCharge Smart Grid (SG) devices have the VersiCharge features as well as the additional features below:

### Communication

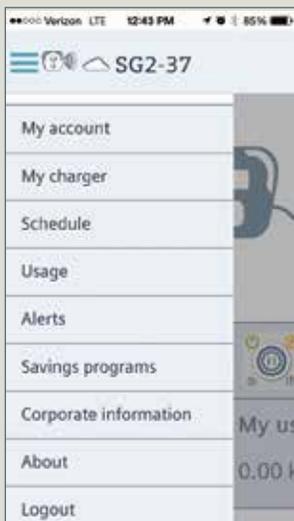
The Siemens VersiCharge SG with Wi-Fi is equipped with a CEA2045 module to enable communication through the Siemens cloud to provide user with actionable information on a smart phone or via web pages.

### Remote control

Charging an electric vehicle has never been easier than with the Siemens VersiCharge SG. Customers are able to monitor and control the charging status, charging schedule, and power level remotely through the VersiCharge SG SmartPhone App or via provided web pages.

### Built in metering

We make it easy to understand the power consumption of your EV. The usage information conveniently displayed via the VersiCharge SG SmartPhone App or via the web pages is captured in real time from the revenue accurate meter integrated into each VersiCharge SG unit.



Feature rich and cost effective smart EV charging allows the user to actively engage to shape and shift their EV power consumption.

# Billing enabled VersiCharge SG

The new VersiCharge SG with billing and access management provides the charger owner with the ability to charge car owners for their usage, limit those who can charge, receive custom usage reports, and get real-time monitoring.

### Open standards

The new billing-enabled VersiCharge SG uses Open Charge Point Protocol (OCPP) to connect with 3rd party networking partners to provide easy payment and access management for station owners. This is the charger of choice for utilities, retail owners, and multi-family buildings.

### Ultimate flexibility

Since the charger is built on open standards, charger owners have the ultimate flexibility. If they are unhappy with a networking partner, or the networking partner has an issue, the owner can easily switch the charger to an alternate OCPP-compliant networking partner. Also, if the owner already has OCPP-compliant chargers, the billing-enabled Siemens VersiCharge can either replace current chargers, or work alongside other OCPP-compliant chargers. These open-standards future-proof EV charger installations.



# VersiCharge charging station post

## Mount VersiCharge

Enjoy the freedom of installing any VersiCharge EV charger wherever it is needed with a freestanding post.

## Secure your charger

A convenient loop design is included in the VersiCharge post so you can easily add a lock of choice to secure the charger to the post.

## PV and rust resistant finish

The VersiCharge Post is built to the standard of all other Siemens NEMA 4R enclosures and ready to withstand tough weather conditions, PV rays and salt water spray. It can be located indoor or outdoor.

## Multiple wiring options

With the VersiCharge Post, you have the option to run the power supply under ground to come in through the bottom of the post or to come in via a convenient knock out located at the bottom of the post if the wires are ran through conduit above ground.

## Cord management system

An arm located on the side of the post easily holds the cord when not in use.

## Space for personalized logo

Add a company sticker on the post to make it your own.

**Catalog number: VCPOSTGRY (compatible with VC30GRYU, VC30GRYHW and VCSG30GRYUW)**

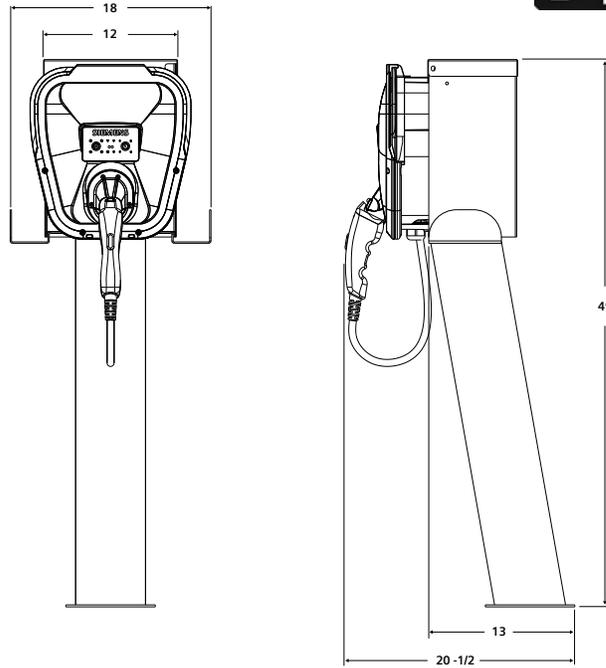


# Application information

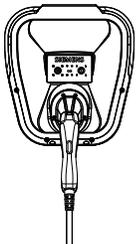
The Siemens VersiCharge SG App has been developed for use with smart devices employing iOS and Android platforms. It is also available to use via a web browser.

Compatible with all iPhone variants using IOS8 or newer and all Android phones and tablets.

Available on:



## Wall Mounted EVSE



14.5" W x 16.0" H x 6.5" D  
(front of unit excluding connector)  
15" minimum clearance  
recommended for connector  
when inserted.

## Mounting Bracket



2.5" x 16.9"  
Install at a minimum of 18"  
off the ground

## VersiCharge electric vehicle chargers

Part number	Model	Output amperage	Color	Feeder Location
VC30GRYU	Universal VersiCharge	30A	Grey	Rear/Bottom/Hardwired
VC30GRYHW	Hardwired VersiCharge	30A	Grey	Hardwired
VCSG30GRYUW	WiFi VersiCharge	30A	Grey	Rear/Bottom/Hardwired
VCSG30GCPUW	Billing-enabled VersiCharge	30A	Grey	Rear/Bottom/Hardwired

## Accessories

Part number	Description	Color
VCMNTGBRK	Spare parts mounting bracket	Black
VCPOSTGRY	Outdoor mounting post	Grey

# Technical Features

	Attribute	Hardwired Model	Universal Model	Wi-Fi Model with included module	Billing-enabled Model
<b>Essentials</b>	Part Number	VC30GRYHW	VC30GRYU	VCSG30GRYUW	VCSG30GRYUW
	Input voltage	208 - 240 VAC			
	Output Amperage	30 Amps			
	Output power	1.8 kW to 7.2 kW			
	Standby Power	Less than 6 Watts		Less than 9 Watts	
	Cord length	14 ft	20 ft		
	Wall weight	12.5 ft	14.5 ft		
	Dimensions	14.5"W x 16.0"H x 6.5"D			
	Enclosure	NEMA 1	NEMA 4		
	Plug in installation	No	Yes (below or behind unit)		
	Permanent installation	Yes			
	Communication hardware	N/A		CTA2045 Interface with communication module	CTA2045 Interface without communication module
	Network connection	N/A		Wi-Fi	Optional
	Radio	N/A		High Performing 2.4 GHz IEEE 802.11 b/g/n	Optional
	Connectivity	N/A		Communicated through local wireless network to VersiCharge SG Cloud	Communication to 3rd party networking partners through Open Charge Point Protocol (OCPP)
	Metering accuracy	N/A		+/- 0.5% standard (custom precision variant available)	
	Reporting parameters	N/A		Power consumption, energy, events	
Demand response compatible	Yes, with accessory		Yes, with appropriate communications module	Yes, with Opt-in	
<b>Electrical</b>	Circuit requirement	40 Amperes*		40 Amperes**	
	Infrastructure Plug	NEMA 6-50			
	Input power connections	Line 1, Line 2, Earth Ground			
	Recommended branch break	40 Ampere double pole (Siemens: Q240 plug in type, B240 bolt on type)			
<b>Mechanical</b>	Connector	SAE J1772			
<b>Safety and Operational</b>	Standards compliance	UL, SAE J1772, NEC® 625			
	EMC	FCC Part 15 Class B			
	Operating temperature	-30°C to +50°C			
	Storage temperature	-40°C to +60°C			
	Operating humidity	Maximum 95% non-condensing			
	Ground fault detection	5 mA CCID with auto retry			
<b>Electric Vehicles Tested</b>	Vehicles	BMW i3, BMW i8, Ford Focus Electric, Nissan Leaf, Mercedes B Class, Fiat 500e, GM Volt			

\* Adjustment of amperage output possible via dial in the unit, will effect the power output of charger.

\*\*Adjustment of amperage output possible via dial in the unit or via the app, will effect the power output of charger.

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