SIEMENS

VersiCharge™ Electric Vehicle Charging Stations

Data sheet

All VersiCharge devices feature:

Flexible wiring options
Multiple wiring scenarios are possible with the VersiCharge. The design features rear and bottom fed wiring ports with interchangeable sealing plugs. Special features on the back of the VersiCharge allow the unit to be installed over an appropriately sized double gang receptacle box.

Delay button
A simple, multi-setting delay timer has been built into the Siemens VersiCharge to allow for user control. With the press of a button, the user can delay charging up to 8 hours from the time of plug-in. Charging sessions automatically start after the delay timer has completed.

Charging status indicating halo
Color indication of charging status viewable from across the room. The Siemens VersiCharge lighting halo indicates ready-to-charge, charging, and fault conditions.

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.

User focused design
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 can be stored by wrapping it over the top of the enclosure.

VersiCharge SG devices also feature:

Built In Zigbee™ Communication
Designed to the latest interoperability standards for Smart Grid. On-board communication of VersiCharge enables the device to be linked to AMI/AMR and select home area networks through SEP 1.1 Protocol.

INTERNET ADDRESSABILITY

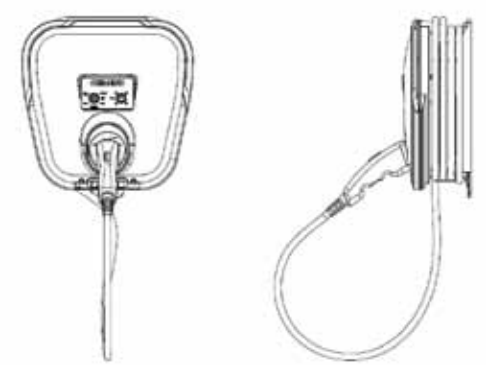
Field upgradable communication port
To support evolving smart grid requirements, the VersiCharge SG features a field accessible communication port. With this port future communication, accessory, and scalability requirements can be supported. The field upgrade port can be accessed without exposing the user to internal power wiring. Wi-fi communication accessory will be available mid 2012.

0.5% Accuracy metering
Intelligent EVSE deployments may require intelligent metering strategies. The Siemens VersiCharge SG features a 0.5% accurate internal current meter.

Flexible demand response profile
To support advanced demand response programs, VersiCharge SG features variable amperage demand response. With this feature, EVSE devices can be curtailed with a reduced impact to the end user.

www.usa.siemens.com/VersiCharge

Wall Mounted EVSE



16.5" x 16.5" x 6.5" (front of unit excluding connector)
15" minimum clearance recommended for connector when inserted

LEVEL 2 CHARGER

Mounting Bracket

2.5" x 16.9"
Installed 18"-48" off ground

Technical details - VersiCharge and VersiCharge SG

Electrical	30A models	70A models
Input voltage	208 – 240 V_{AC}	208-240 V_{AC}
Circuit requirement	40 Amperes	90 Amperes
Output power	Up to 7.2 kW	Up to 16.8 kW
Input power connections	Line 1, Line 2, Earth Ground	Line 1, Line 2, Earth Ground
Recommended branch breaker	40 Ampere double pole for Permanent Installation (Siemens P/N Q240) 40 Ampere double pole GFCI for added protection (Siemens P/N QF240)	90A Double Pole (P/N Q290) (Permanent installation only)

Mechanical		Safety and Operational	
Dimensions	16.5" x 16.5" x 6.5"	Standards compliance	UL (Summer 2013 for VersiCharge SG)
Wall weight	21 lbs	EMC compliance	FCC Part 15 Class B
Enclosure	NEMA 4	Operating temperature Note: Avoid operating VersiCharge in direct sunlight.	-30° C to +50° C
		Storage temperature	-40° C to +60° C
		Operating humidity	Maximum 95% non-condensing

VersiCharge Electric Vehicle Chargers - 30A Models (Available Now)

Part number	Model	Output amperage	Color	Feed location
VC30BLKR	VersiCharge	30 A	Black	Rear
VC30BLKB	VersiCharge	30 A	Black	Bottom

VersiCharge SG Electric Vehicle Chargers - 30A Models (Available 2014)

VCSG30BLKR	VersiCharge SG	30 A	Black	Rear
VCSG30GRYR	VersiCharge SG	30 A	Grey	Rear
VCSG30BGER	VersiCharge SG	30 A	Beige	Rear
VCSG30BLKB	VersiCharge SG	30 A	Black	Bottom
VCSG30GRYB	VersiCharge SG	30 A	Grey	Bottom
VCSG30BGEB	VersiCharge SG	30 A	Beige	Bottom

VersiCharge Electric Vehicle Chargers - 70A Models (Launch date TBD)

VC70BLKR	VersiCharge	70 A	Black	Rear
VC70BLKB	VersiCharge	70 A	Black	Bottom

VersiCharge SG Electric Vehicle Chargers - 70A Models (Launch date TBD)

VCSG70BLKR	VersiCharge SG	70 A	Black	Rear
VCSG70GRYR	VersiCharge SG	70 A	Grey	Rear
VCSG70BGER	VersiCharge SG	70 A	Beige	Rear
VCSG70BLKB	VersiCharge SG	70 A	Black	Bottom
VCSG70GRYB	VersiCharge SG	70 A	Grey	Bottom
VCSG70BGEB	VersiCharge SG	70 A	Beige	Bottom

Accessories

Part Number	Description
VCMNTGBRK	Mounting Bracket for VersiCharge and VersiCharge SG
VCWIFIMOD	Wi-fi expansion module for VersiCharge SG (Launch date TBD)

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info.us@siemens.com

www.usa.siemens.com/VersiCharge

Subject to change without prior notice
Order No.: PDDS-VERSI-0612

VersiCharge
Residential EV Charging Solutions

VersiCharge Residential EV Charging Solutions

The Siemens VersiCharge line of Electric Vehicle Charging systems is the industry's most flexible and versatile offering. These Level 2 (240 VAC) charging stations offer unparalleled usability, safety, energy management, and affordability. Read below for details on the offering and how these devices can improve your electric vehicle experience.

Interested in controlling your charger with a smart phone app or understanding your power usage data? See solutions for the VersiCharge SG Unit > here.

> Features > Installation > Tax & Utility Credits > Technical Info > Accessories > FAQs

Essentials

Attribute	Universal Model	Hardwired Model
Part Number	VC30XXXU	VC30XXXHW
Amperage	30 Amps	
Input Voltage	208 - 240 V_{AC}	
Cord Length	20 ft	14 ft
Wall Weight	14.5 lbs)	12.5 lbs
Dimensions	14.5"W x 16.0"H x 6.5"D	
Output Power	1.2 kW to 1.8 kW	
Enclosure	NEMA 4	NEMA 1
Plug in Installation	Yes (below or behind unit)	No
Permanent Installation	Yes	Yes

Electrical

Attribute	Universal Model/ Hardwired Model
Circuit requirement	40 Amperes*
Input power connections	Line 1, Line 2, Earth Ground
Recommended branch breaker	40 Ampere double pole (Siemens: Q240 plug in type, B240 bolt on type)

STANDARD COMPLIANCE

Mechanical

Attribute	Universal Model/ Hardwired Model
Connector	SAE J1772

Safety and Operational

Attribute	Universal Model/ Hardwired Model
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

Electric Vehicles Tested*

Ford Focus Electric	Nissan Leaf

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