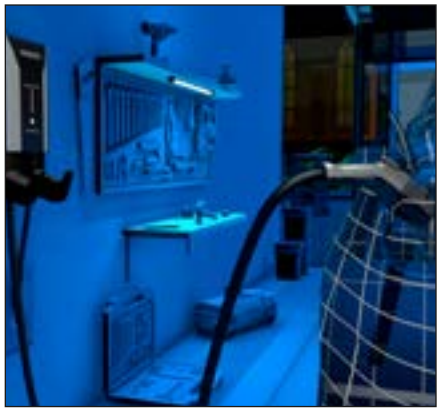


Contents

Electric Vehicle Charging Solutions

Integrated electric vehicle solutions for every application

Whether it's a single-family home, multifamily dwelling, parking garage, mall, or city transit project, Siemens has the experience, products, and personnel to help make your EV project a success.

The team at Siemens is ready to help design, layout, and support your EV infrastructure project. Contact your local Siemens sales representative for more details on these cutting-edge products and services.

Commercial VersiCharge™ AC chargers "Level 2" (L2)

- Primarily car market
- Residential, workplace, longer-term stop areas
- 9.6 kW and 11.5kW (240/208 V)
- Multiple hours to charge
- OCPP and Modbus Communications
- Cellular Parent / Child networking

DC heavy-duty MDHD plug-in – SiCharge UC™

- Offers 150kW per cabinet, up to 600 kW total
- Supports four dispensers
- Up to 1,000V
- OCPP compliant

Managed Services

- IoT cloud management of EV assets
- Monitoring
- Billing services
- Reporting
- Demand/maximum - load control
- On-site start-up
- Project design

SiCharge UC™ inverted pantograph

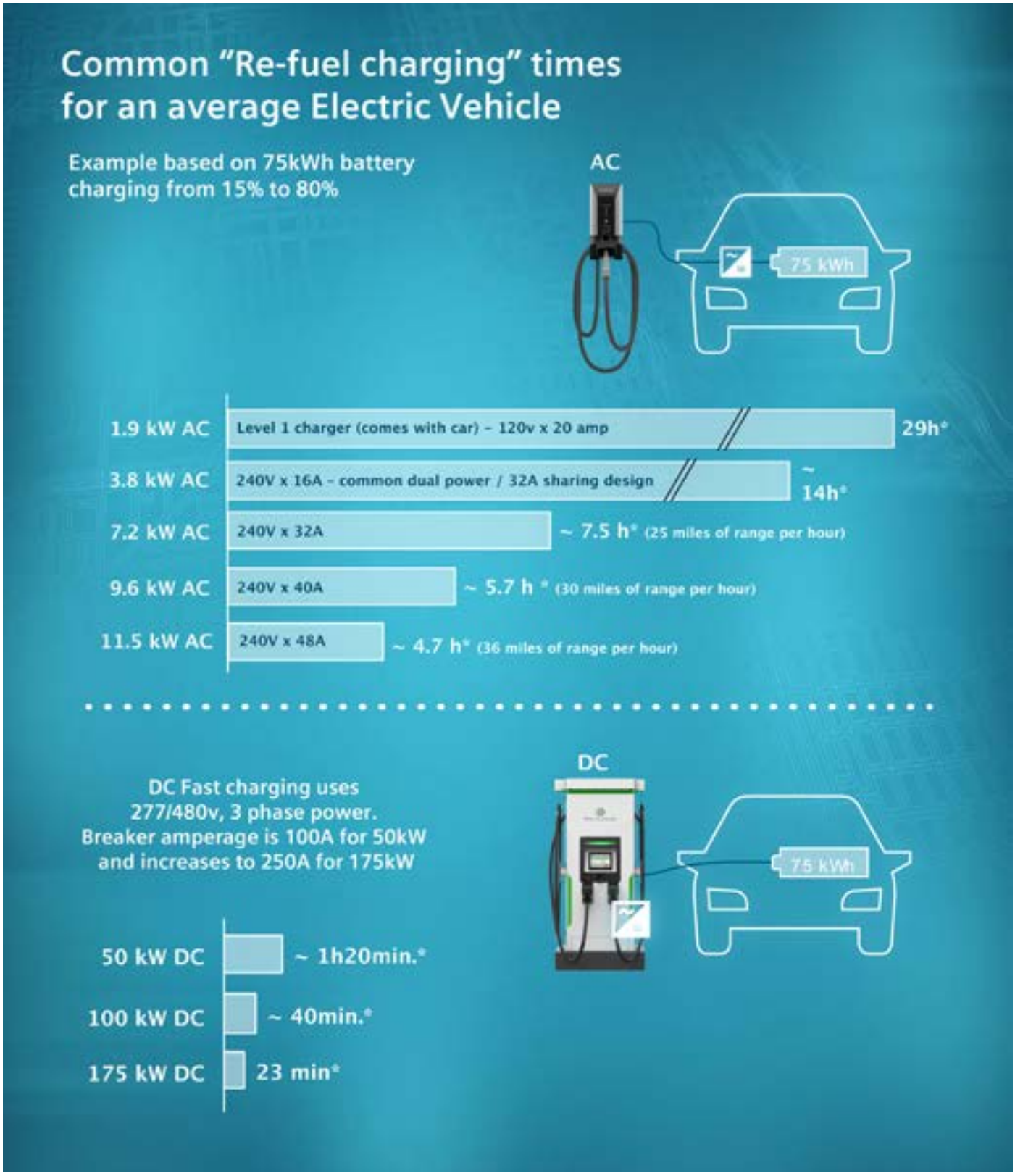
- Pantograph
- Overhead – top down
- On-route and depot ceiling charging solutions
- 300 kW - 600 kW
- Minutes to charge

Make-ready electrical infrastructure

- Low, medium, and high voltage electrical equipment

Electric Vehicle Charging Solutions

AC vs DC chargers:



VersiCharge™ AC Chargers

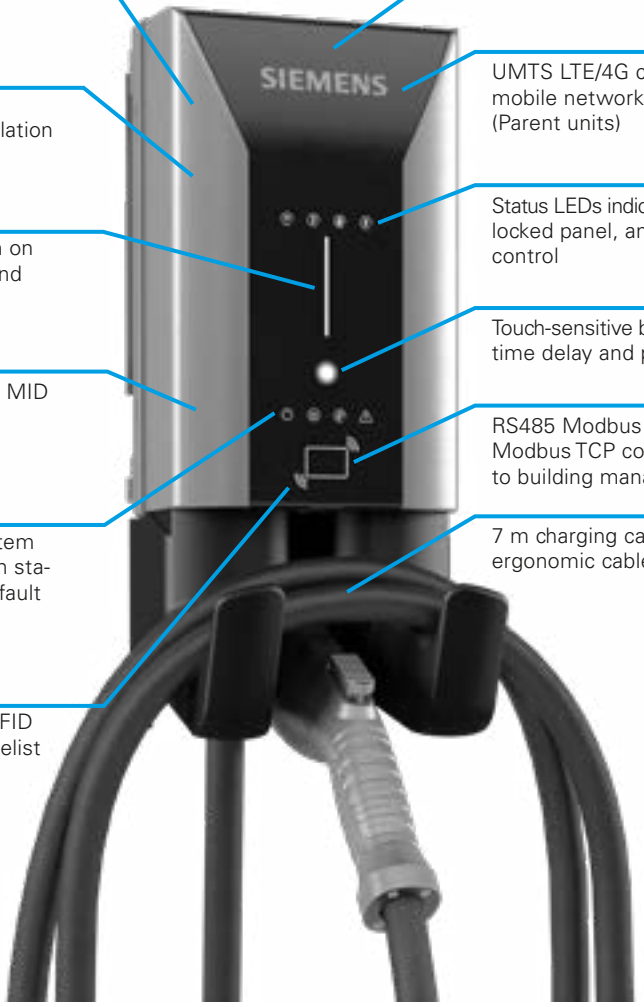
Siemens VersiCharge chargers have stood for superior quality, ruggedness, and proven technology for more than a decade and have reliably provided millions of charges to EV (electric vehicle) drivers worldwide. The new third generation VersiCharge AC charger is continuing this tradition with numerous groundbreaking enhancements, a fresh and appealing design, and up to 11.5 kW of AC (alternating current) charging power. Providing various communication options, including the option to establish a parent-child configuration.

The VersiCharge AC charger can be connected to the customer's preferred back-end system making it scalable and cost-efficient. It also offers revenue-accurate metering and can interact with building management systems, such as Siemens Desigo for dynamic load management that smartly adjusts as building energy demand changes. The rugged and slender VersiCharge AC charger is suitable for both indoor and outdoor (residential or commercial) use and can either be mounted on a wall or supplementary post.

siemens.ca/versicharge

Key features

Compatibility with all common electric vehicles and applicable charging standards plus easy to use, comfort functions such as delayed and planned charging ensure a high degree of customer convenience.



Flexibility for the future

Smart building integration

VersiCharge AC chargers provide numerous communication interfaces and can be connected to various backend systems.

Thanks to its Modbus interface, VersiCharge AC chargers can directly interact with building management systems such as Siemens Desigo for dynamic load management.

Modular system configuration

Through its parent-child configuration the chargers are scalable, while at the same time reduce the investment and operational cost.

Flexible and elegant posts

Standard Versicharge post with Cable Retraction System

Standard Versicharge Post

- PV fade-resistant and rust-resistant
- Multiple wiring options
- Single and dual post options
- Cable retraction system, 20 ft. cable

Versicharge post catalog numbers

Description	Catalog number
Post for Single or Dual Chargers	**US2:VCPOSTGRY2**
Single Post with Cable Management	**US2:VCPOSTCR1S**
Dual Post for Cable Management	**US2:VCPOSTCR2S**
Cable management unit	**US2:VCCMSSP**

Easy cloud integration

Wi-Fi, Ethernet, 4G, and UMTS

easy to use mobile app

Simple ID card identification

VersiCharge AC Series – Technical data

Features and functions	
Charging mode	Level 2
Vehicle connection	J1772 plug with 20-foot cable, 40 A / 48 A / integrated cable management
AC power output	Single 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	Return to maximum power level, reset ground fault
Charging status LEDs	Power, charging state, reduced power level, authentication, cold start
Communication status LEDs	Connected / not connected during operation, signal strength during commissioning
Network Sharing	Connects to one non-cellular charger by Wi-Fi within 20 feet line of sight
Load management	Via OCPP
Communication	
Interfaces	Wi-Fi, Ethernet, RS485 (Modbus RTU) and LTE, WCDMA with optional cellular plan
User authentication	RFID (local Whitelist, MIFARE)
Configuration	Via Siemens mobile app or the PC Configuration Tool
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	Single Split phase
Energy metering	Embedded metering
Ground fault protection	20 mA
Over voltage protection	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, IK 8
Dimensions (H x W x D)	16.10 in x 7.09 in x 3.78 in
Weight	17 lbs
Ambient conditions	Operating temperature: -31 °F to +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 (commercial variants); FCC Part 15 Class B (residential variants)
Consumption	Energy Star 1.2 certified
Warranty	3-year warranty for standard VersiCharge 48. 5-year warranty for VersiCharge Blue

	Maximum current	Model number	Wi-Fi and Ethernet	RFID identification	Embedded metering	LTE WCDMA	Installed SIM card
Residential version	**40 A**	**8EM1312-4CF18-0FA3***	✓	–	✓	–	✓
	48 A	**8EM1312-5CF18-0FA3**					
Commercial version	**48 A**	**8EM1310-5CF14-1GA2**	✓	✓	✓	✓	✓
Buy American Commercial version BLUE	**48 A**	**8EM13155CG141GA2**	✓	✓	✓	✓	✓

Back-end protocol: OCPP 1.6, upgradeable to OCPP 2.0.1
* 40 amp residential comes with wall plug

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	Catalogue Number
Multi-carrier pooled data plan: 1-year data plan, 1 GB capped monthly bandwidth (supports one cellular unit and one non-cellular unit). This is an annual fee.	**US2:DATA1YRMULTI**
Extended warranty per Level 2 charger: 1 additional year, no in / out services	**US2:VCEXWAR1YR**
Extended warranty per Level 2 charger: 2 additional years, no in / out services	**US2:VCEWAR2YR**

Configuring the mobile app

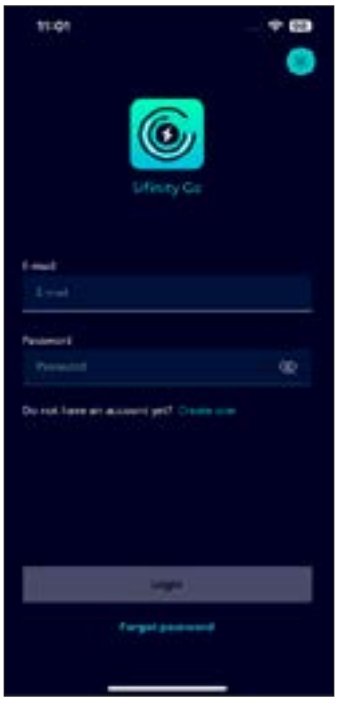
Sifinity Go App is used to configure and monitor VersiCharge chargers remotely. The Sifinity Go app is available for Android and iOS.

On the Sifinity Go app login page, tap *Create One* to create a new account

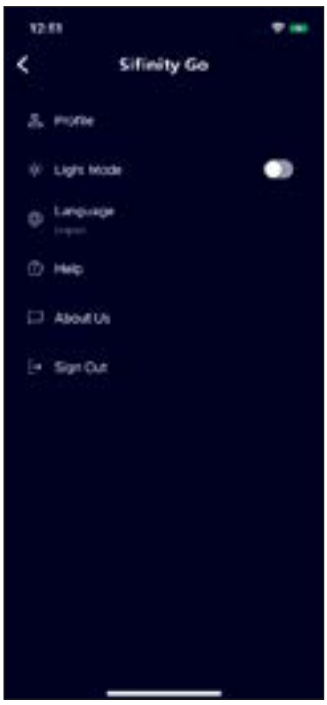
Select your country and tap on *Continue* to view the End User License Agreement applicable to your region.

Read the End User License Agreement and tap *Accept*. The Accept button is not enabled, until you scroll to the end of the text.

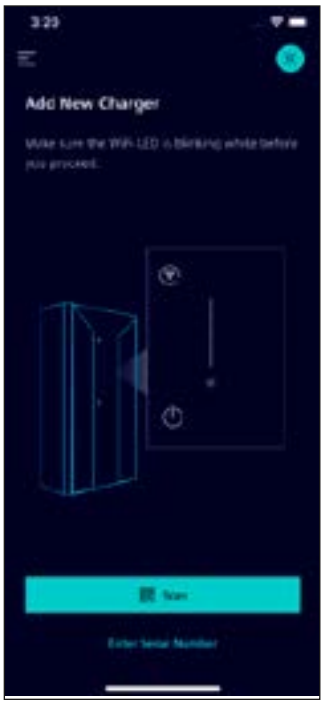
Enter your first name, last name, email, password, and tap *Create*.



Once you have created your account, login using your credentials.



Sifinity Go app supports multiple languages. After you install or update the app, you can choose the preferred language in the initial welcome screen.



Add a new charger from the Settings screen. You can add and manage up to ten chargers with your account.

SICHARGE UC Heavy-duty chargers

SICHARGE UC offers 150 kW of flexible charging solutions for buses, trucks, and heavy-duty vehicles, whether charging at a depot or en route.

Features & benefits

- Fast, secure charging
- Design flexibility
- Sleek, compact dispenser size
- Easy to add additional dispensers in the field
- Low installation costs with a 600 VAC direct input
- Compatible with the Combined Charging System (CCS) charging standard and OCPP compliant.
- Interoperability

Electric Vehicle Charging Solutions

Tellus Power 30 kW DC Fast Charger

Features
▪ Up to 100A with 1000VDC ▪ 4G / Wi-Fi / Ethernet connectivity ▪ 7" Touch screen display ▪ OCPP 1.6J ▪ CCS1 ▪ Connector ▪ Wall Mount / Pedestal (Optional) Installation ▪ Easy Installation (Indoor / Outdoor) ▪ Cord Management (Optional)

Tellus Power Green DC fast charger provided by Siemens.

30 kW Wall Mount DC Fast Charging Station

Product Number	US2:TP5304801
Input Voltage	480VAC (3P+N+PE), 60Hz
FLA || Breaker Rating	40A || 50A
Output Voltage	150 to 1000VDC
Output Current	Upto 100A
Connector(s)	CCS1
Efficiency	≥94% at nominal output power
Power Factor	> 0.98
Operating Temperature	22°F to 131°F (-30°C to 55°C)
Working || Storage humidity	≤ 95% RH || ≤ 99% RH (Non-condensing)
Altitude	< 6600ft (2000m)
Display	7" touch screen
RFID system	ISO || IEC 14443A/B
Dimensions (l x d x h)	21" x 12" x 27"
Protective Class	NEMA 3S, IK 10
Cooling System	Air cooled
Weight	176 lbs (80kg)
Charging Protocol	Mode 4, IEC-61851, ISO-15118, DIN SPEC 70121
Length of charging cable	16ft (5m)
Communication || Protocol	Ethernet / 4G Wi-Fi || OCPP 1.6J
Electrical Safety: GFCI	RCD 20 mA Type A
Electrical Safety: Surge Protection	20 kA
Electrical Safety General	Over Voltage, Under Voltage, Over Current, Missing Ground
Electrical Safety: Output Short	Output power disabled when output is short circuited
Electrical Safety Temperature	Temperature Sensors @ Charge Coupler and Power Electronics
Emergency Stop	Emergency Stop Button Disables Output Power
Regulatory Compliance	UL-2202 || CSA C22.2#107.1:2016 || EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012

Electric Vehicle Charging Solutions

Tellus Power 60 kW DC fast charger

Overview

Features

- Powerful Compact All-In-One DC Charger
- Simple Air-Cooled Power Modules
- Easy to Maintain
- Parallel Charging Feature
- Output Voltage of 1000VDC
- OCPP 1.6J
- Credit Card Reader
- Cord Management

60 kW DC Fast Charging Station

Product Number	US2:TP5604802
Input	480VAC (3P+N+PE) || 60Hz
Output Voltage	200 - 1000VDC
Output current	Upto 150A
FLA || Breaker Rating	80A || 100A
Connectors	Dual CCS1
Cyclic Charge Mode	60 kW
Parallel Charge Mode	30 kW per Port
Efficiency	≥94% at nominal output power
Power factor	> 0.98
Display	10" touch screen
Access Control	RFID : ISO/IEC 14443A/B | Credit Card Reader (Optional)
Metering	DC kWh meter per each connector
Operating temperature	-22°F to 131°F (-30°C to 55°C)
Altitude	6500' (2000m)
Working || Storage Humidity	≤ 95% RH || ≤ 99% RH (Non-condensing)
Dimensions (L x D x H)	29" x 19" x 72"
Protective Class	NEMA 3S (IP54), IK10
Cooling system	Air cooling fans
Weight	617 lbs (280kgs)
DC Charge System	Mode 4 - IEC-61851, ISO-15118, DIN 70121 Mode 4 - CHAdeMO 0.9, 1.0
Charging cable	16ft (5m), Cable Retractor Included
Communication || Protocol	Ethernet, 4G/WiFi || OCPP 1.6J
Electrical Safety: GFCI	RCD 20 mA Type A
Electrical Safety: Surge Protection	20 kA
Electrical Safety General	Over Voltage, Under Voltage, Over Current, Missing Ground
Electrical Safety: Output Short	Output power disabled when output is short circuited
Electrical Safety Temperature	Temperature Sensors @ Charge Coupler and Power Electronics
Emergency Stop	Emergency Stop Button Disables Output Power
Regulatory Compliance	UL-2202 || CSA C22.2#107.1:2016 || EMC: EN 61000-6- 1:2007, EN 61000-6-3:2007/A1:2011/AC:2012

Tellus Power Green DC fast charger provided by Siemens.

Intertek

Electric Vehicle Charging Solutions

Tellus Power 120 kW DC fast charger

Overview

Features
▪ Powerful Compact All-In-One DC Charger ▪ Simple Air-Cooled Power Modules ▪ Easy to Maintain ▪ Parallel Charging Feature ▪ Output Voltage of l000VDC ▪ OCPP l.6J ▪ Credit Card Reader ▪ Cord Management

120 kW DC Fast Charging Station

Product Number	US2:TP51204802
Input	480VAC (3P+N+PE), 60Hz
Output Voltage	150-l000VDC
Output Current	0 to 200A
Cycle Mode	1 x 120 kW
Parallel Mode	2 x 60 kW
FLA II Breaker Rating	160A II 200A
Connectors	CCSI and CCSI
Efficiency	≥94% at nominal output power
Power factor	≥0.98
Operating Temperature	-22°F to 131°F (-30°C to 55°C)
Altitude	< 6600' (2000m)
Working II Storage Humidity	≤ 5 95% RH II ≤ 5 99% RH (Non-condensing)
Weight	793 lbs (360kg)
Display	10" touch screen
Access Control	RFID: ISO/IEC 14443A/B I Credit Card Reader (Optional)
Dimensions (L x D x H)	29" X 26.5" X 72"
Protective Class	NEMA 3S (IP54).IKl0
Power Electronics Cooling	Air Cooling
Charing Protocol Standards	Mode 4 - IEC-61851, ISO-15118, DIN 70721 Mode 4 - CHAdeMO 0.9, 7.0
Metering	DC kWh meter per each connector
Charging cable	16ft (5m). Cable Retractor Included
Communication II Protocol	Ethernet, 4G/WiFi II OCPP l.6J
Insulation (input-output)	>2.5 kV
Electrical Safety: GFCI	RCD 20 mA Type A
Electrical Safety: Surge Protection	20 kA
Electrical Safety General	Over Voltage, Under Voltage, Over Current, Missing Ground
Electrical Safety: Output Short	Output power disabled when output is short circuited
Electrical Safety Temperature	Temperature Sensors @ Charge Coupler and Power Electronics
Emergency Stop	Emergency Stop Button Disables Output Power
Regulatory Compliance	UL-2202 II EMC: EN 61000-6-7:2007, EN 61000-6-3:2007/AI:2077/AC:2072

Tellus Power Green DC fast charger provided by Siemens.

Intertek

Electric Vehicle Charging Solutions

Tellus Power 160 kW DC fast charger

Overview

Features
▪ DCFC and HPC System with 1000VDC ▪ Powerful Compact All-In-One Charger ▪ Simple Air-Cooled Power Modules ▪ Easy to Maintain ▪ Parallel Charging Feature ▪ OCPP 1.6 ▪ Credit Card Reader ▪ Cord Management

160 kW DC Fast Charging Station

Product Number	**US2:TP51604802 (Dual CCS1)**
Product Number	**US2:TP51604801 (CCS1 and CHAdeMO)**
Input Voltage	480V (3P + N + PE), 60Hz
Output Voltage	150–1000 VDC
Max Output Current	0 to 200A
FLA || Breaker Rating	215A || 300A
Power Factor	>0.98
Efficiency	>94% at nominal output power
Connector Options	Dual CCS1 or CHAdeMO and CCS1 combo
CCS Cable	200A
Charging Protocol Standards	Mode 4, IEC-61851, ISO-15118, DIN 70121 || Mode 4
Cycle Mode	1 x 160 kW
Parallel Mode	2 x 80 kW
Connector cable length	CCS – 16ft (5m)
Cable Management	Included
Weight	880 lbs (400 kg)
Dimensions (L x D x H)	29.5'' x 26.5" x 73"
Insulation (input – output)	>2.5 kV
Ingress Protection	NEMA 3S (IP54), IK10
Operating Temperature	-22°F to 131°F (-30°C to 55°C)
Altitude	< 6600ft (2000m)
Working || Storage Humidity	≤ 95% RH || ≤ 99% RH (Non-condensing)
Display	10" touch screen
Communication || Protocol	Ethernet, 4G/WiFi || OCPP 1.6J
Access Control	RFID : ISO/IEC 14443A/B | Credit Card Reader (Optional)
Metering	DC kWh meter per each connector
Power Electronics Cooling	Air Cooled
Electrical Safety: GFCI	RCD 20 mA Type A
Electrical Safety: Surge Protection	20 kA
Electrical Safety General	Over Voltage, Under Voltage, Over Current, Missing Ground
Electrical Safety: Output Short	Output power disabled when output is short circuited
Electrical Safety Temperature	Temperature Sensors @ Charge Coupler and Power Electronics
Emergency Stop	Disables output power with emergency stop button
Regulatory Compliance	UL-2202 || CSA C22.2#107.1:2016 || EMC: EN 61000-6- 1:2007, EN 61000-6-3:2007/A1:2011/AC:2012

Tellus Power Green DC fast charger provided by Siemens.

Intertek

Electric Vehicle Charging Solutions

Tellus Power 300 kW DC fast charger

Overview

Features
▪ HPC System with 1000VDC ▪ Powerful Compact All-In-One Charger ▪ Simple Air-Cooled Power Modules ▪ Easy to Maintain ▪ Parallel Charging Feature ▪ Liquid Cooled Cables ▪ OCPP 1.6 ▪ Credit Card Reader ▪ Cord Management

300 kW DC Fast Charging Station

Product Number	US2:HPC3004802
Maximum Power	300 kW
Output Voltage	150 – 1000 VDC
Max Output Current	Up to 500A
Input Voltage || Frequency	480V (3P + N + PE) || 60 Hz
Input Current || Breaker Rating	400A || 500A
Power Factor	>0.98
Efficiency	>94% at nominal output power
Connector Options	Dual CCS1
CCS Cable	500A Liquid Cooled
Cycle Mode	1 x 300 kW (Max: 500A)
Parallel Mode	2 x 150 kW (Max: 350A)
Charging Protocol Standards	Mode 4,IEC-61851,ISO-15118,DIN 70121 || Mode 4
Connector cable length	CCS - 13 ft (4 m)
Cable Management	Included
Weight	1765 lbs (800 kg)
Dimensions (L x D x H)	41'' x 37.4" x 90"
Insulation (input – output)	>2.5 kV
Ingress Protection	NEMA 3S (IP54), IK10
Altitude	<6,600ft (2,000m)
Operating temperature	-30°C to 55°C (-22°F to 131°F)
Working || Storage Humidity	≤ 95% RH || ≤ 99% RH (Non-condensing)
Display	10" touch screen
Communication || Protocol	Ethernet, 4G/WiFi || OCPP 1.6J
Access Control	RFID:ISO/IEC 14443A/B | Credit Card Reader (Optional)
Metering	DC kWh meter per each connector
Power Electronics Cooling	Air Cooled
Electrical Safety: GFCI	RCD 20 mA Type A
Electrical Safety: Surge Protection	20 kA
Electrical Safety General	Over Voltage, Under Voltage, Over Current, Missing Ground
Electrical Safety: Output Short	Output power disabled when output is short circuited
Electrical Safety Temperature	Temperature Sensors @ Charge Coupler and Power Electronics
Emergency Stop	Disables output power with emergency stop button
Regulatory Compliance	UL-2202 || CSA C22.2#107.1:2016 || EMC: EN 61000-6- 1:2007, EN 61000-6-3:2007/A1:2011/AC:2012

Tellus Power Green DC fast charger provided by Siemens.

Intertek

Electric Vehicle Charging Solutions

Tellus Power 360 kW DC fast charger

Overview

Features
▪ HPC System with l000VDC ▪ Powerful Compact All-In-One Charger ▪ Simple Air-Cooled Power Modules ▪ Easy to Maintain ▪ Parallel Charging Feature ▪ Liquid Cooled Cables ▪ OCPP l.6 ▪ Credit Card Reader ▪ Cord Management

360 kW DC Fast Charging Station

Product Number	US2:HPC3604802
Maximum Power	360 kW
Output Voltage	150-1000 VDC
Max Output Current	Up to 500A
Input	480V (3P + N + PE) 11 60 Hz
Input Current II Breaker Rating	480A II 600A
Power Factor	>0.98
Efficiency	> 94% at nominal output power
Connector Options	CCSI and CCSI
CCS Cable	500A Liquid Cooled
Cycle Mode	1 x 360kW (Max: 500A)
Parallel Mode	2 x 180kW (Max: 400A)
Charging Protocol Standards	Mode 4,IEC-61851,ISO-15118,DIN 70121 II Mode 4, CHAdeMO 0.9,1.0
Connector Cable Length	CCS - 13 ft (4 m) Cable Retractor Included
Weight	1873 lbs (850 kg)
Dimensions (L x D x H)	41" X 37.4" X 90"
Insulation (input-output)	>2.5 kV
Ingress Protection	NEMA 3S (IP54). IKI0
Altitude	<6,600ft (2,000m)
Operating temperature	-30°C to 55°C (-22°F to 131°F)
Working II Storage Humidity	≤ 95% RH II ≤ 99% RH (Non-condensing)
Display	10" touch screen
Communication II Protocol	Ethernet, 4G/WiFi 11 OCPP l.6J
Access Control	RFID : ISO/IEC 14443A/B I Credit Card Reader (Optional)
Metering	DC kWh meter per each connector
Power Electronics Cooling	Air Cooled
Regulatory Compliance	UL-2202 II EMC: EN 61000-6-1:2007, EN 61000-6 3:2007/AI:2011/AC:2012-
Electrical Safety: GFCI	RCD 20 mA Type A
Electrical Safety: Surge Protection	20 kA
Electrical Safety General	Over Voltage, Under Voltage, Over Current, Missing Ground
Electrical Safety: Output Short	Output power disabled when output is short circuited
Electrical Safety Temperature	Temperature Sensors @ Charge Coupler and Power Electronics
Emergency Stop	Disables output power with emergency stop button

Tellus Power Green DC fast charger provided by Siemens.

Intertek

Electric Vehicle Charging Solutions

Siemens cloud-based services

Managing your depot and eFleet

Siemens offers a variety of cloud-based service packages designed to effectively manage your depot and eFleet. Our solutions combined with our ecosystem of partners allows you to easily manage your charging infrastructure from remote diagnostics to detailed reporting and operational planning and scheduling with one, simple user interface. Choose which connect, charge, or control option works best fits your device connectivity management, reporting functions, smart charging, route and power optimization and data analytic needs.

Care package

Included with all the Siemens EV chargers, the Care package provides technical support, device updates, driver onboarding, setup configuration, and a mobile app for monitoring and basic control. This package provides your charger is up to date and provides piece of mind that support is at your fingertips!

Get more from your chargers with our Connect, Charge, and Control options

Connect package

The Connect package maintains all the functionality of the Care package and enables users and owners to get a holistic view of the chargers they control along with an aggregated view of data gathered by those chargers. They also gain access to the Location Manager that shows where and how the chargers are being used, a Driver App, RFID setup for groups of chargers, and advanced remote diagnostics to give the charger owner more detailed information to manage the charging infrastructure.

Electric Vehicle Charging Solutions

Siemens cloud-based services

Overview

Charge package

The Charge package includes all functions of the Connect package, offers comprehensive financial and consumption reporting, billing and payment management for owners. This package is perfect for collecting revenue from charging stations within general public areas, or at a workplace environment where fleet and employee charging times and rates are different. The Charge package also enables charging stations to be seen and accessed within other charging networks. This allows public charging stations to be seen from other networks, when they are part of the Siemens Charge package solution, increasing visibility and usage.

Control package

The Control package continues capability expansion by supplying all of the same functions as the Charge package, and adds on cloud smart charging capabilities. The smart charging feature provides dynamic load management and maximum load control for situations where limited power is available for chargers or maximum demand constraints where tariffs are in place. This package allows piece of mind that power sharing chargers are not exceeding equipment load, or that the facility's peak demand levels are not exceeded.

Feature	Care	Connect	Charge	Control
Technical Support	x	x	x	x
Remote Firmware Upgrades	x	x	x	x
Charger Setup	x	x	x	x
Remote Resets		x	x	x
Remote Diagnostics		x	x	x
RFID Management		x	x	x
Aggregated Charger Reporting		x	x	x
Driver App		x	x	x
Driver Billing			x	x
Charger Network Visibility			x	x
Dynamic Load Control				x
Max Load Management				x

Electric Vehicle Charging Solutions

eMobility solutions and more

Overview

Managing your network of L2/L3 public chargers

Siemens offers a variety of cloud-based service packages designed to simplify management and control of EV chargers. The flexibility of our services combined with our ecosystem of partners allows for varying levels of control in parking garages, hotels, hospitals, universities, industrial buildings, malls, retail / convenience stores, multi-family dwellings, and more. Integration into common building management systems and partner EV-solution provider networks expand the offerings to create a seamless, easy-to-use system with a simple user interface.

Choose your level of advanced management with Connect, Charge, or Control

- **Connect package –** The Connect package offers all the services in the Care package along with monitoring, reporting, and smart charging. Group chargers together and apply constraint algorithms to limit power consumption while still meeting charging needs with an easy-to-use PC interface. Requires a one time connection set up fee (part number US2:ACSETUP).
- **Charge package –** The Charge package features all the services in Connect, as well as route planning, depot scheduling and bus and route energy profiling. Requires a one time connection set up fee (part number US2:ACSETUP).
- **Control package –** The Control package includes all the services in Connect and Charge, and also includes Smart Charging with Virtual Power Plant (VPP) software that will interface with other IT systems permitting excess energy selling and buying, thus, offering hands-on energy cost management. Control also provides bus and route scheduling opportunities based on energy, route and seasonal variations. Requires a one time connection set up fee (part number US2:ACSETUP).

Feature	Care	Connect	Charge	Control
Technical Support	x	x	x	x
Marketing Outreach	x	x	x	x
Configuration Tool	x	x	x	x
Remote Device Upgrade	x	x	x	x
GSM Connectivity	x	x	x	x
Remote Charger Monitoring Dashboard		x	x	x
Automated Notifications		x	x	x
Statistics Reporting		x	x	x
Charger Grouping		x	x	x
Smart Charging		x	x	x
Route Charging Optimization			x	x
Bus Schedule Charging Optimization			x	x
Optimization based on power constraints			x	x
Charging Optimization by Price			x	x
Standardized API interfaces to connect to IT systems				x
Data Analytics				x
Profiling for EV energy and route				x
Optimization based on seasonal variations				x
Premium NOC		Option	Option	Option

Service packages catalog numbers

Description	Catalog number
EVSP cloud service on-boarding fee *Required for all packages	**US2:ACSETUP**
Connect package	**US2:ACCONNECT1**
Charge package	**US2:ACCHARGE1**
Control package	**US2:ACCONTROL1**

These packages set the stage for the depot/fleet of the future where distributed generation and local microgrids are integrated into one common smart energy ecosystem. All of this provides you with the ultimate in functionality, both now and wherever the electric road will lead you There is a one time set up service required for connect, charge, and control packages.

Notes