

Technical Datasheet

Kempower Station Charger C500





The Kempower Station Charger is the all-in-one DC charging solution with dynamic power management.

The Station Charger is a powerful all-in-one solution for electric vehicle fast charging sites. Utilizing Kempower's user-friendly cable system, the Station Charger can have one or two DC charging outputs. With different combinations of 50 kW power modules, the Station Charger harnesses the full potential of ondemand power routing, saving both energy and costs.

A double cabinet Station Charger can have up to eight 50 kW power modules, providing a maximum charging power of up to 400 kW.

With dynamic power management, the available charging power of all power modules is automatically distributed to all connected charging outputs, depending on the charging cable used and the requirements of the electric vehicles.

Power range

Up to 400 kW

Adaptive voltage range

150-1000 v





- 1 Lifting lugs
- 2 WiFi/cellular/GPS antenna
- 3 Air outlet
- 4 Air inlet
- 5 Charging cable support system
- 6 Power module (1-4 pcs/cabinet)
- 7 Charging status indication LEDs
- 8 7" touch screen display
- 9 RFID reader (ISO 14443A)
- 10 Vehicle connectors
- 11 Power distribution module
- 12 Control module
- 13 Main switch
- 14 AC cable entry







Advanced cable support system (pat. pend.) for premium user experience

Scalability with add-on power modules

Improved cost efficiency of the charging system







On-screen QR code for following the charging status on your mobile phone

Lockable door for safety and easy access

Advanced charging control and customization with Kempower ChargEye



Product code interpretation

C501-P160-UU-7-C-P-D2-L-C0

Kempower Station Charger 500 V single cabinet • 200 kW charging power • 2 x CCS1 vehicle connector • charging cable length 7 m/23 ft. • nominal charging cable current 200 A • Payter P68 payment terminal • up to 2 dynamic outputs • ETL certification • unbranded

Item	Code	Description
Product type	C501	Kempower Station Charger 500 V single cabinet
	C502	Kempower Station Charger 500 V double cabinet
Charging power*	P160	200 kW (4 modules)
	P320	400 kW (8 modules)
	N	When in front of the vehicle connector type, indicates that there is only one connector
Vehicle connector type	D	CHAdeMO
	U	CCSI
	UU	2 x CCS1
	UD	CCSI & CHAdeMO
Charging cable length	5	5 m/16.4 ft.
	7	7 m/23 ft.
Nominal charging cable	В	125 A (CHAdeMO)
current	С	200 A (CCSI)
	E	300 A/350 A** (CCSI)
User interface and	S	Standard user interface
payment	Р	Payter P68 payment terminal with contactless, chip reader, and magnetic stripe (no PIN pad)
Power distribution modules	D2	Up to 2 dynamic outputs
Certification	L	ETL approved
Branding options	C0	Unbranded: roof and base in black color, no stickers
	Cn	Branded: number (n) indicates branding, e.g. C8

Standard operation. See Power performance table for details.

^{**} With 300 A charging cables:
350 A (rated) in +25°C/77°F. Requires at least 2 output terminals and a specific hardware configuration.



General electrical specifications

Input voltage	380480 VAC +6%/-10%
Input frequency	5060 Hz
Output voltage	1501000 VDC
Power factor at full load	0.92
Efficiency at full load	94%
Idle power	20 VA
Standby power	C501: 50 W
	C502: 180 W
Overvoltage category	III
lcc	35 kA
Network type	TN-S, TN-C, TN-C-S, TT
	·

Environmental specifications

Operating temperature	-30+50 °C/-22122 °F
Current derating	Maximum charging current decreases 2% for every 1 °C/1.8 °F rise in temperature above +25 °C/77 °F
Maximum altitude without derating	2000 m/6562 ft.
Altitude derating	Maximum charging current decreases 1.4% for every 100 m/328 ft. rise above 2000 m/6562 ft.
Operational noise level	Wall side: < 57 dB at 1 m/3.3 ft. distance Door side: < 62 dB at 1 m/3.3 ft. distance
Storage temperature	-40+60 °C/-40140 °F
Ambient air humidity	< 95% relative humidity
Enclosure rating	Suitable for outdoor use

Connections and protocols

WiFi	802.11 b/g/n (2.4/5 GHz)
Cellular/GPS	LTE-FDD, LTE-TDD, WCDMA, GSM
Ethernet	RJ45, IEEE 802.3/802.3u
OCPP	1.6j/2.0.1
Connectivity	Kempower ChargEye solution



Electrical protections

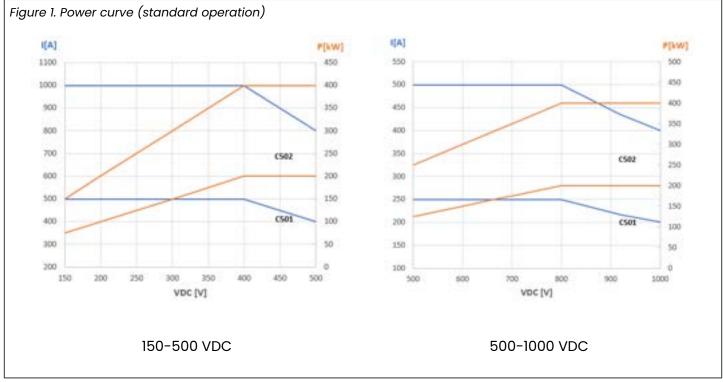
Over/undervoltage	
Surge protection	
Short circuit	
Overload protection	
Earth leakage current monitoring	
Device overtemperature	

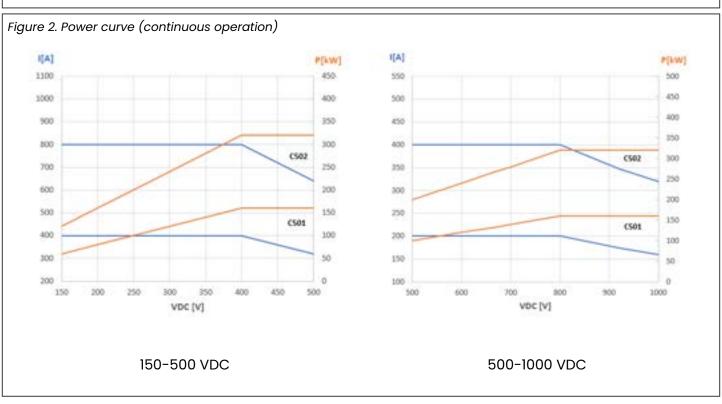
Power performance

			Standard operation		Continuous operation			
Product type	Number of power modules	Number of independent AC supply cables*	Charging power	Input current per supply cable at 400 V	Input current per supply cable at 480 V	Charging power	Input current per supply cable at 400 V	Input current per supply cable at 480 V
	1	1	50 kW	91 A	76 A	40 kW	73 A	61 A
-	2	1	100 kW	181 A	151 A	80 kW	145 A	121 A
C501	3	1	150 kW	272 A	227 A	120 kW	218 A	182 A
	4	1	200 kW	362 A	302 A	160 kW	290 A	242 A
	5	2	250 kW	91 A	76 A	200 kW	73 A	61 A
C502 -	6	2	300 kW	181 A	151 A	240 kW	145 A	121 A
C502	7	2	350 kW	272 A	227 A	280 kW	218 A	182 A
	8	2	400 kW	362 A	302 A	320 kW	290 A	242 A

^{*} Each cabinet has a dedicated supply cable.









Product codes

Product code	Vehicle connector	Max. charging current	Max. DC charging power at 400 VDC*	Max. DC charging power at 800 VDC*
C501•UU•x•C•L	2 x CCS1	2 x 200 A	2 x 80 kW	2 x 160 kW
C501•UU•x•D•L	2 x CCS1	2 x 250 A	2 x 100 kW	2 x 200 kW
C501•UU•x•E•L	2 x CCS1	2 x 300 A/350 A**	2 x 120 kW/140 kW	2 x 200 kW
C501•UD•x•CB•L	CCSI & CHAdeMO	200 A & 125 A	80 kW & 50 kW	160 kW & 100 kW
C501•UD•x•DB•L	CCS1 & CHAdeMO	250 A & 125 A	100 kW & 50 kW	200 kW & 100 kW
C501•UD•x•EB•L	CCSI & CHAdeMO	300 A/350 A** & 125 A	120 kW/140 kW & 50 kW	200 kW & 100 kW
Product code	Vehicle connector	Max. charging current	Max. DC charging power at 400 VDC*	Max. DC charging power at 800 VDC*
C502•UU•x•C•L	2 x CCS1	2 x 200 A	2 x 80 kW	2 x 160 kW
C502•UU•x•D•L	2 x CCSI	2 x 250 A	2 x 100 kW	2 x 240 kW/280 kW
C502•UU•x•E•L	2 x CCS1	2 x 300 A/350 A**	2 x 120 kW/140 kW	2 x 240 kW/280 kW
C502•UD•x•CB•L	CCS1 & CHAdeMO	200 A & 125 A	80 kW & 50 kW	160 kW & 100 kW
C502•UD•x•DB•L	CCSI & CHAdeMO	250 A & 125 A	100 kW & 50 kW	200 kW & 100 kW
C502•UD•x•EB•L	CCSI & CHAdeMO	300 A/350 A** & 125 A	120 kW/140 kW & 50 kW	240 kW/280 kW & 100 kW

^{*} Depends on the number of installed power modules

Note: Depending on the required cable length, replace x in the product code with 5 or 7, e.g. $C502 \cdot UD \cdot 5 \cdot CB \cdot L$ for a 5 m/16.4 ft. cable.

Compliance to standards

IEC 61851-1, IEC 61851-23, IEC 61851-21-2 , IEC 62196-3
UL 2202, UL 2231-1, UL 2231-2
CSA Std. c22.2 No. 281.2, CSA Std. c22.2 No. 107.1
EMC Class A FCC Part 15

Options

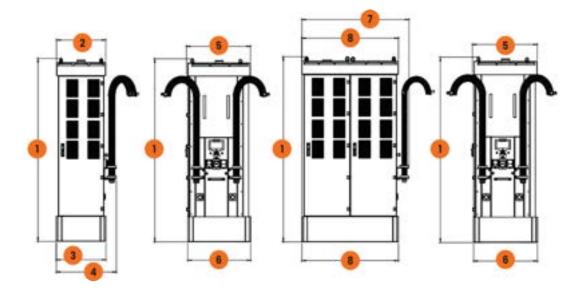
Customized branding	Branding options, such as custom colors and stickers
	Contact Kempower for availability, pricing, and minimum order quantity

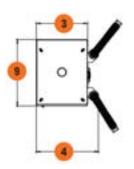
Mechanical dimensions

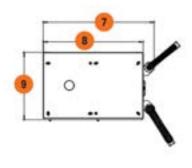
Size (W x H x D)	Weight
C501: 651 x 2395 x 841 mm/25.6 x 94.3 x 33.1 in.	Maximum 525 kg/1157 lb.
C502: 1250 x 2395 x 841 mm/49.2 x 94.3 x 33.1 in.	Maximum 925 kg/2039 lb.

 ^{**} With 300 A charging cables:
 350 A (rated) in +25°C/+77°F. Requires at least 2 output terminals and a specific hardware configuration.









- 2395 mm/94.3 in. 645 mm/25.4 in. 2
- 651 mm/25.6 in. 788 mm/31 in.
- 839 mm/33 in. 5 6
 - 826 mm/32.5 in. 8
- 1388 mm/54.6 in. 9 1250 mm/49.2 in.
- 841 mm/33.1 in.



Technical Datasheet

Kempower Power Unit C500

Power Cabinet Version 3 | Power Module Version 1



The Kempower Power Unit is the heart of Kempower's flexible, modular and scalable DC charging system with dynamic power management.

One Power Unit can simultaneously provide energy for up to 8 DC charging outputs:
Satellites or Pantographs. By utilizing individual 25 kW power channels in the installed Power Modules, the Power Unit's unique dynamic power management harnesses the full potential of on-demand power routing. This enables significant cost savings in the installed charging hardware and grid connection while optimizing the charging experience.

A triple cabinet Power Unit can have up to twelve 50 kW Power Modules, providing a maximum nominal power of up to 600 kW.

With dynamic power management, the available charging power of all Power Modules is automatically distributed to all connected charging outputs according to the requests of the electric vehicles.

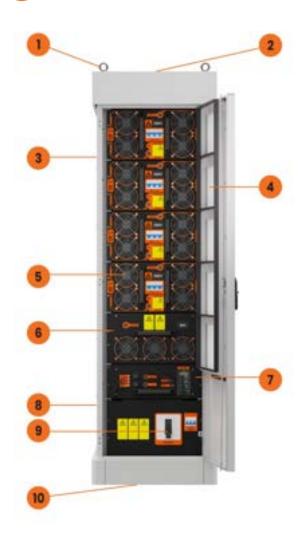
Power range

Up to 600 kW

Adaptive voltage range

150-1000 v





- 1 Lifting lugs
- 2 WiFi/cellular/GPS antenna
- 3 Air outlet (behind cabinet)
- 4 Air inlet
- 5 Power Module (1–4 pcs/cabinet)
- 6 Power distribution module
- 7 Control module
- 8 DC output (DIN rail inside cabinet)
- 9 Main switch
- 10 AC supply cable entry







Improved cost efficiency of the charging system



1–4 50 kW Power Modules per cabinet



Lockable door for safety and easy access



Scalability with add-on Power Modules



Advanced charging control and customization with Kempower ChargEye



Product code interpretation

Kempower Power Unit consists of Power Cabinet and Power Modules.

C502.D6.L.V3.C0

Kempower Power Cabinet C500 double • up to 6 dynamic outputs • ETL certification • Version 3 • unbranded

Code	Description
C501	Kempower Power Cabinet C500 single ^[1] (four Power Module slots)
C502	Kempower Power Cabinet C500 double ^[1] (eight Power Module slots)
C503	Kempower Power Cabinet C500 triple ^[1] (twelve Power Module slots)
D4	Up to 4 adaptive dynamic outputs 150–1000 VDC
D6	Up to 6 adaptive dynamic outputs 150–1000 VDC
D8	Up to 8 non-adaptive dynamic outputs 150–500 VDC ^[3]
R	Static power distribution
L	ETL-approved product
V3	Version 3
C0	Unbranded: Solid color RAL7047
Cn	Branded: Stickers in predefined areas of the unit. Number (n) indicates branding, e.g. C8.
	C501 C502 C503 D4 D6 D8 R L

^[1] The rated current of a single charging output terminal using a power distribution module is limited to 200 A.

PM550V1

Power Module Version 1 for Kempower Power Cabinet C500

Item	Code	Description
Product type	PM550V1	Power Module Version 1 for Kempower Power Unit C500 (50 kW in standard operation)

^[2] With 300 A charging cables:

³⁵⁰ A (rated) in 77 °F. Requires at least 2 output terminals and a specific hardware configuration.

^[3] Power curve according to Figure 1.

^[4] Branding according to Kempower Customer Branding Guidelines.



General electrical specifications

Input voltage	380480 VAC +6%/-10%
Network type	TN-S, TN-C, TN-C-S, TT
Input frequency	5060 Hz
Overvoltage category	III
Icc	35 kA
Power factor at full load	0.92
Output voltage	1501000 VDC
Efficiency at full load	94%
Idle power	20 VA
Standby power	C501: 50 W
	C502: 100 W
	C503: 150 W

Environmental specifications

-22131 °F
Charging current decreases 1.5% for every 1.8 °F rise in temperature above 104 °F
6562 ft.
Charging current decreases 1.4% for every 328 ft. rise above 6562 ft.
< 60 dB at 3.3 ft. distance
-40140 °F
< 95% relative humidity
Suitable for outdoor use

^[1] Thermal performance applies only to a standard, unbranded Kempower Power Unit.

Connections and protocols

WiFi	802.11 b/g/n (2.4/5 GHz)	
Cellular/GPS LTE-FDD, LTE-TDD, WCDMA, GSM		
Ethernet	RJ45, IEEE 802.3/802.3u	
ОСРР	1.6j/2.0.1	
Connectivity	Kempower ChargEye solution	

Electrical connections (between Power Unit and vehicle connectors)

DC power cable per vehicle connector (terminals 2 x 300 MCM per pole)			
Control cable 24 VDC			
Control bus cable			



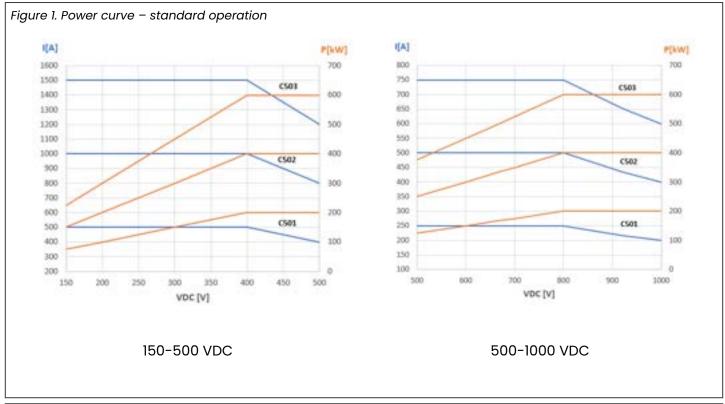
Electrical protections

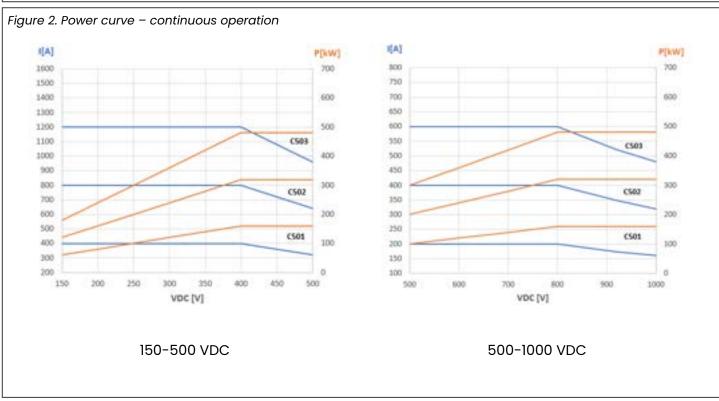
Over/undervoltage		
Surge protection		
Short circuit		
Overload protection		
Earth leakage current monitoring		
Device overtemperature		

Power performance

			Standard operation			Continuous operation		
Product type	Number of Power Modules	Number of independent AC supply cables ^[1]	Charging power	Input current per supply cable at 400 V	Input current per supply cable at 480 V	Charging power	Input current per supply cable at 400 V	Input current per supply cable at 480 V
	1	1	50 kW	91 A	76 A	40 kW	73 A	61 A
C501	2	1	100 kW	181 A	151 A	80 kW	145 A	121 A
C501	3	1	150 kW	272 A	227 A	120 kW	218 A	182 A
	4	1	200 kW	362 A	302 A	160 kW	290 A	242 A
	5	2	250 kW	91 A	76 A	200 kW	73 A	61 A
C502	6	2	300 kW	181 A	151 A	240 kW	145 A	121 A
C502	7	2	350 kW	272 A	227 A	280 kW	218 A	182 A
	8	2	400 kW	362 A	302 A	320 kW	290 A	242 A
	9	3	450 kW	91 A	76 A	360 kW	73 A	61 A
0502	10	3	500kW	181 A	151 A	400 kW	145 A	121 A
C503	11	3	550 kW	272 A	227 A	440 kW	218 A	182 A
	12	3	600 kW	362 A	302 A	480 kW	290 A	242 A

^[1] Each cabinet has a dedicated supply cable.





Compliance to standards

IEC 61851-1, IEC 61851-23, IEC 61851-21-2
UL 2202, UL 2231-1, UL 2231-2
CSA Std. c22.2 No. 281.2, CSA Std. c22.2 No. 107.1
EMC Class A FCC Part 15



Options

Customized branding	Branding with stickers in predefined areas of the unit Contact Kempower for availability, pricing, and minimum order quantity
Steel base	Installation kit for a single cabinet, for flat surface assembly

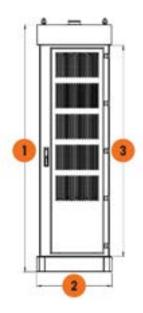
Mechanical dimensions

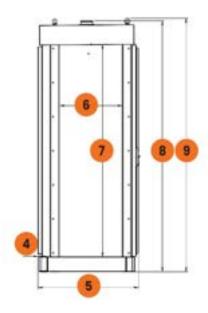
Size (W x H x D)

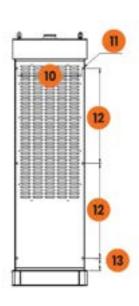
C501: 25.6 x 86.4 ^[1] x 34.3 in.	_
C502: 49.2 x 86.4 ^[1] x 34.3 in.	_
C503: 72.8 x 86.4 ^[1] x 34.3 in.	_

[1] If using the optional base, add 7.9 in. to the height.

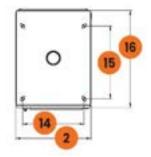
Product type	Number of Power Modules	Weight
C501	1	661 lb.
C501	2	750 lb.
C501	3	838 lb.
C501	4	926 lb.
C502	5	1620 lb.
C502	6	1709 lb.
C502	7	1797 lb.
C502	8	1885 lb.
C503	9	2568 lb.
C503	10	2657 lb.
C503	11	2745 lb.
C503	12	2833 lb.

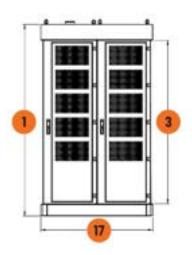


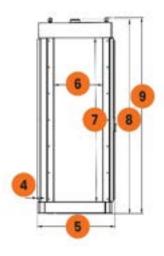


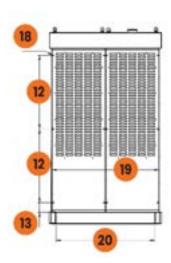


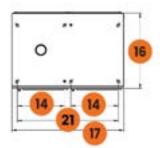


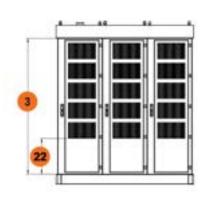


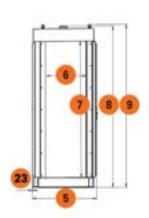


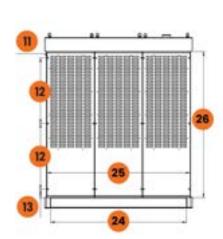




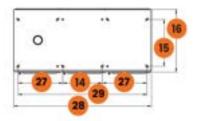












1	84.3 in.	9	86.4 in.	17	49.2 in.	25	70.6 in.
2	25.6 in.	10	21.7 in.	18	0.7 in.	26	72.1 in.
3	71.9 in.	11	0.6 in.	19	47.2 in.	27	23.6 in.
4	0.4 in.	12	32.4 in.	20	43.4 in.	28	72.8 in.
5	34.3 in.	13	4.3 in.	21	44.5 in.	29	68.1 in.
6	21.4 in.	14	20.9 in.	22	18.9 in.		
7	72.4 in.	15	24.8 in.	23	0.4 in.		
8	85.6 in.	16	33.1 in.	24	67.0 in.		

Note: Only Kempower approved partners who have completed the Kempower certification training are permitted to install the charging units. Installation done by an unapproved partner voids the warranty. For more information, contact Kempower Sales Support.



Technical Datasheet

Kempower Satellite

Version 2

The Kempower Satellite
DC charging system is the optimal solution for public charging and other sites that need multiple fast charging outputs.

The Satellites are connected to the Power Unit. One Power Unit can simultaneously provide energy for up to 8 DC charging outputs with 800 VDC systems and up to 6 outputs with Adaptive Voltage systems covering both 400 VDC and 800 VDC charging.

The maximum available charging power of the system is 600 kW, depending on the Power Unit version. Each output can deliver up to 320 kW to the charging Satellite when using the optional 400 A charging cable.

The Kempower Satellite is available with CCS1, NACS and CHAdeMO vehicle connectors.



Maximum charging power

Up to 320 kW

Number of Satellites in the system

1-8





- 1 Charging cable support system
- 7" touch screen display
- 3 RFID reader
- 4 Vehicle connector
- Mounting flange







Easy-to-use, intuitive user

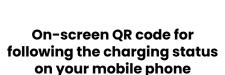
menu on a 7" touch screen

display



Advanced cable support system for premium user experience









Kempower advanced charging Satellite system with up to 8 simultaneous charging outputs

Cabling distance between the Power Unit and Satellites up to 262 feet/80 meters

Advanced charging control and customization with **Kempower ChargEye**



Product code interpretation

ST-N-7-L-P-L-C0

Kempower Satellite Version 2 • 1 x NACS connector • 23 ft./7 m charging cable • 350 A cable current • Payter P68 payment terminal • North American version • unbranded

Item	Code	Description		
Product type	ST	Kempower Satellite Version 2		
Vehicle connector type	U	CCS1		
	N	NACS		
	UU	2 x CCS1		
	UN	CCSI & NACS		
	UD	CCS1 & CHAdeMO		
	NN	2 x NACS		
Charging cable length	5	16.4 ft./5 m		
	7	23 ft./7 m		
Nominal charging cable	В	125 A (CHAdeMO)		
current	С	200 A (CCSI)		
	D	250 A (NACS)		
	Е	300 A (CCSI)		
	G	380 A (NACS) ^[1]		
	Н	400 A (CCSI) ^[2]		
	L	350 A (NACS) ^[1]		
User interface and	S	Standard user interface		
payment	0	Payter Apollo: Contactless payment with online PIN entry and verification ^[3]		
	Р	Payter P68 payment terminal with contactless, chip reader, and magnetic stripe (no PIN pad) ^[4]		
Equipment stop	E	Equipment stop button		
Certification	L	North American version (ETL-approved product meeting UL and CSA requirements)		
Branding options	C0	Unbranded: roof and base in black color, no stickers		
	Cn	Branded: number (n) indicates branding, e.g. C8		

^[1] Single output only.

^{[2] 400} A for a period of time that depends on environmental conditions (only single-cable Satellites). Dual 400 A CCS1 cable configuration not available.

^[3] When a credit card reader is needed in Washington State, use Payter P68 due to local regulations.

^[4] Available in the US only.



Product codes

Product code	Charging outputs	Vehicle connector	Max. charging current	Charging power at 400 VDC	Charging power at 800 VDC	Weight
Product codes w	ith 16.4 ft./5 m	charging cab	les			
ST•U•5C•S•L	1	CCS1	200 A	80 kW	160 kW	179 lb./81 kg
ST•U•5H•S•L	1	CCS1	400 A	160 kW	320 kW	193 lb./87 kg
ST•N•5D•S•L	1	NACS	250 A	100 kW	200 kW	176 lb./80 kg
ST•N•5G•S•L	1	NACS	380 A	152 kW	304 kW	188 lb./85 kg
ST•N•5L•S•L	1	NACS	350 A	140 kW	280 kW	188 lb./85 kg
ST•UU•5C•S•L	2	2 x CCS1	2 x 200 A	2 x 80 kW	2 x 160 kW	269 lb./122 kg
ST•UU•5E•S•L	2	2 x CCS1	2 x 300 A	2 x 120 kW	2 x 240 kW	295 lb./134 kg
ST•UD•5CB•S•L	2	CCSI & CHAdeMO	200 A & 125 A	80 kW & 50 kW	160 kW & 100 kW	256 lb./116 kg
ST•UD•5EB•S•L	2	CCSI & CHAdeMO	300 A & 125 A	120 kW & 50 kW	240 kW & 100 kW	270 lb./122 kg
ST•UN•5CD•S•L	2	CCSI & NACS	200 A & 250 A	80 kW & 100 kW	160 kW & 200 kW	274 lb./124 kg
ST•UN•5ED•S•L	2	CCSI & NACS	300 A & 250 A	120 kW & 100 kW	240 kW & 200 kW	304 lb./138 kg
ST•NN•5D•S•L	2	2 x NACS	2 x 250 A	2 x 100 kW	2 x 200 kW	267 lb./121 kg

Note: Versions with 23 ft./7 m charging cables: Change 5 to 7 in the product code, e.g. from STU5CSL to STU7CSL. Add 8.8 lb./4 kg to

Note: Versions with a payment terminal. Change S to O or P in the product code, e.g. STU5CSL to STU5COL or STU5CPL.

General electrical specifications

DC charging connector options	CCS1, CHAdeMO, NACS
Voltage	Max. 1000 VDC
Standby power	25 W

Environmental specifications

Operating temperature	-22122 °F/-30+50 °C
Derating	Charging cable pin temperature limits charging current.
	For other limiting variables, see the applicable Power Unit datasheet.
Storage temperature	-40140 °F/-40+60 °C
Ambient air humidity	< 95% relative humidity
Enclosure rating	Suitable for outdoor use



Connections and protocols

Ethernet	RJ45, IEEE 802.3/802.3u
ОСРР	1.6j/2.0.1
Connectivity	Kempower ChargEye solution
CCSI	SAE J1772/CCS, DIN 70121:2012, ISO 15118-1:2013, ISO 15118-2:2014
CHAdeMO	0.9/1.0
NACS	
Authentication methods	RFID: ISO 14443A, ISO 15693, ISO 14443B (STM SRI512)
	Customer backend via OCPP
	Payment terminal
	AutoCharge
	ISO 15118-2 Plug & Charge

Electrical connections (between Satellite and Power Unit)

DC power cable per vehicle connector (terminals 2 x 300 MCM/2 x 150 mm² per pole)	
Control power cable (24 VDC)	
Communications cable (RJ45)	

Electrical protections

Vehicle connector pin temperature monitoring

Compliance to standards

IEC 61851-1, IEC 61851-23, IEC 61851-21-2

UL 2202, UL 2231-2

CSA Std. c22.2 No. 281.2, CSA Std. c22.2 No. 107.1

FCC 47 CFR Part 15 Subpart B, Class A

CTEP Certified to Accuracy Class 2.0 (< 1.0% error):

- COA No. 5982-24 for Kempower standard devices without a 3rd party DC meter
- COA No. 5981-24 for Kempower devices with an integrated 3rd party DC meter



Options

Payment terminal	Payter Apollo: Contactless payment with online PIN entry and verification ^[1]
	Payter P68 payment terminal with contactless, chip reader, and magnetic stripe (no PIN pad) ^[2]
Equipment stop button	
Customized branding	Branding options, such as custom colors and stickers
	Contact Kempower for availability, pricing, and minimum order quantity

[1] When a credit card reader is needed in Washington State, use Payter P68 due to local regulations.

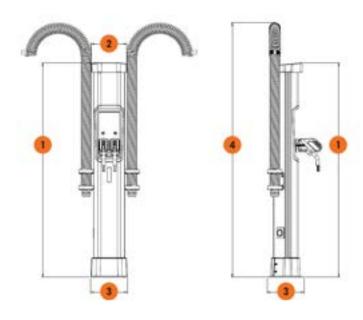
[1] When a credit card read[2] Available in the US only.

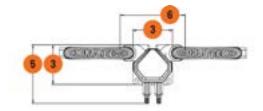
Mechanical dimensions

Size (W x H x D)

11.8 x 68.4 x 11.8 in./300 x 1738 x 300 mm

Satellite with two DC charging outputs

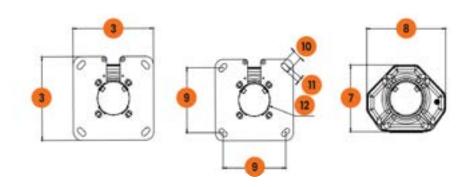




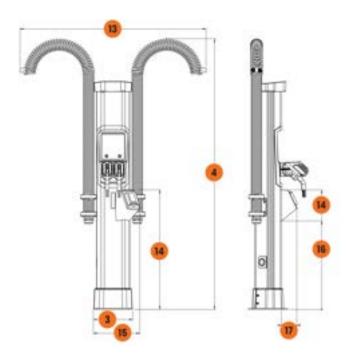


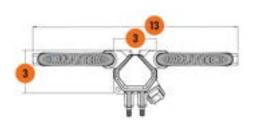
Footprint of standard installation flange

Footprint with mounting tube



Satellite with two DC charging outputs and payment terminal





1 68.4 in./17	'38 mm
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² 11.4 in./289 mm

6	19.4 in./493 mm
7	0.4 in /220 mm

^{9.4} in./239 mm

0.7 in./18 mm

12 4.7 in./120 mm 13 55.9 in./1420 mm 14

35.9 in./911 mm 13.9 in./354 mm 15

26.6 in./675 mm 16 4.5 in./115 mm



11

³ 11.8 in./300 mm

^{82.7...94.5} in./2100...2400 mm 4

⁵ 17.5 in./444 mm

^{11.6} in./294 mm 8

^{9.4} in./240 mm 9 10 1.4 in./36 mm