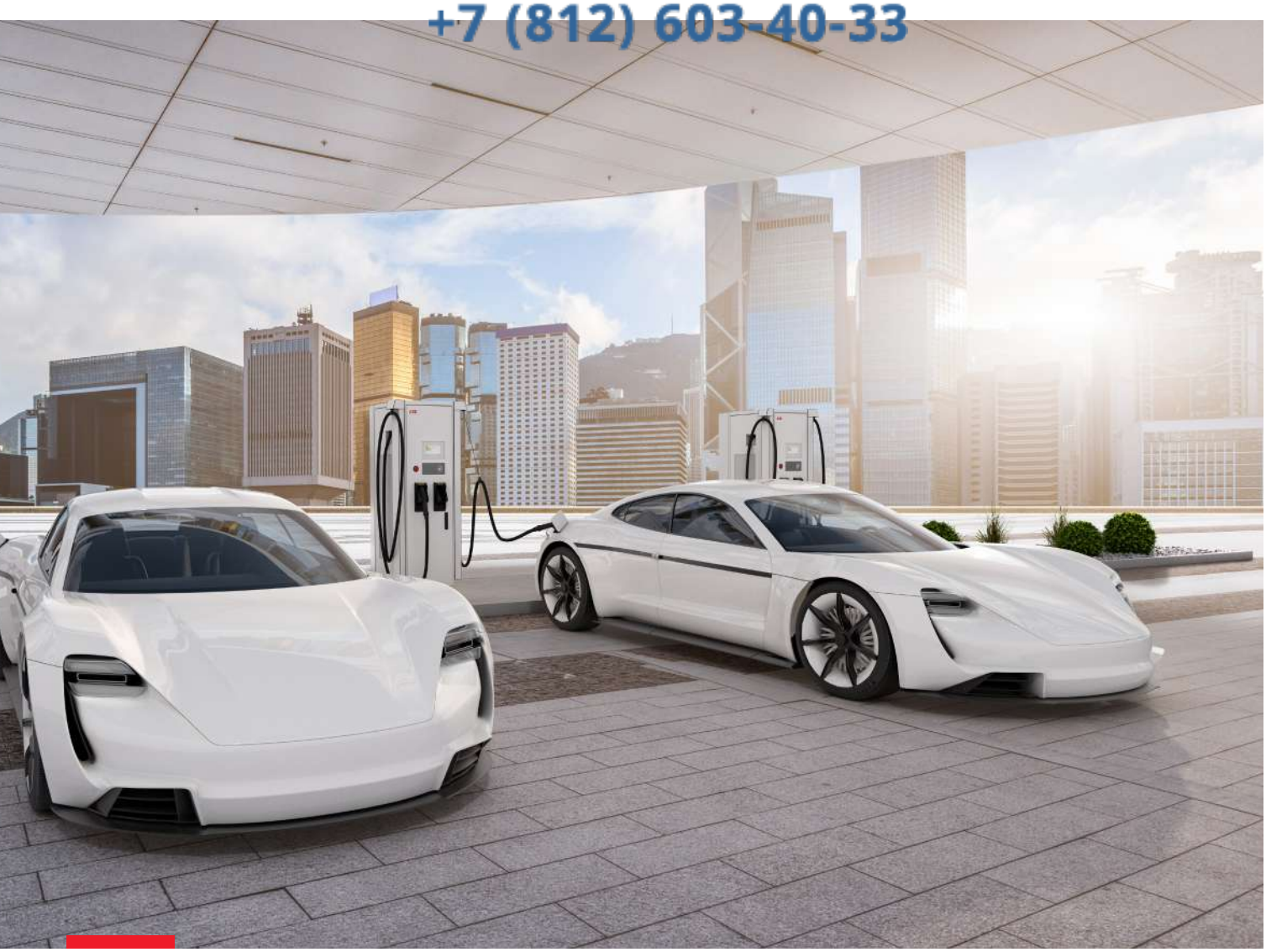


Electrify the road

Terra DC fast chargers. The most successful EV fast chargers in the market, ideal for urban applications, retail and refueling stations.

- Compact footprint
- Maximized revenue generation
- Future ready

The Terra DC fast chargers, including Terra 94, Terra 124, Terra 184, are an extension of the DC fast chargers product line. They are designed for convenient charging of all electric vehicles, including future models with high voltage battery systems. The compact size makes it perfect for urban use, with flexibility to upgrade charging power up to 180kW and ability to charge up to 3 vehicles at the same time.

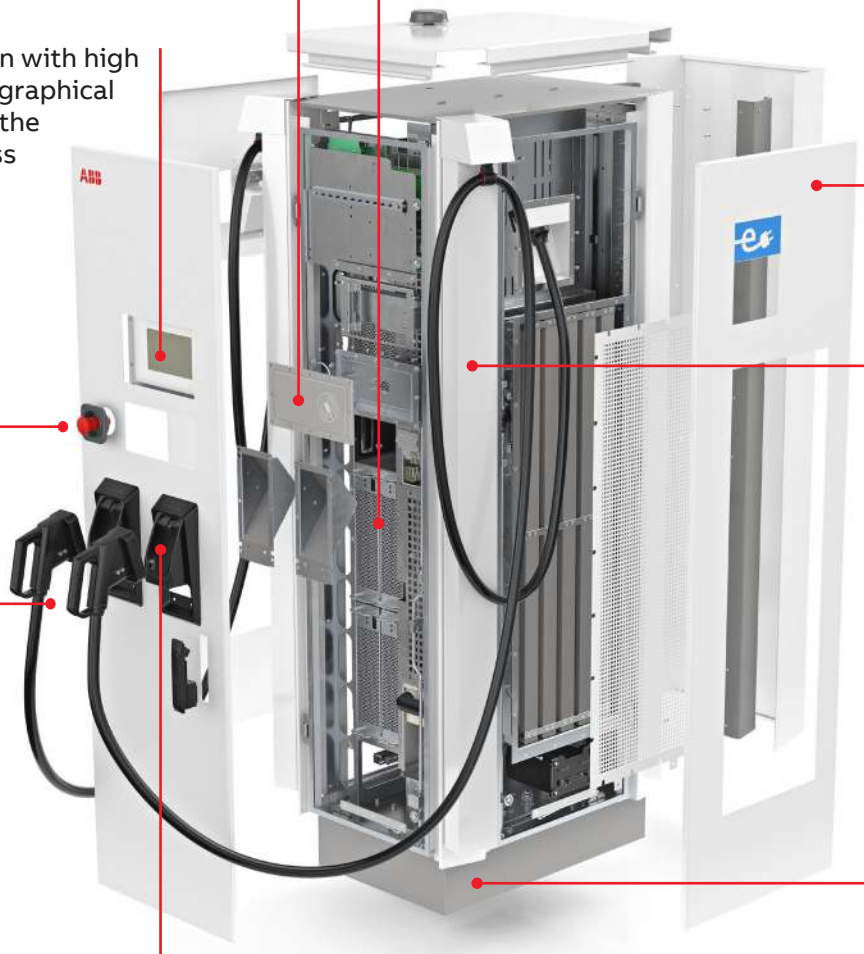
Terra 94/124/184 DC Fast Charger
At a glance

CONNECTED by cellular modem for 24/7 remote services, receiving updates over-the-air to support every new EV on the road - plus easy remote OCPP integration.

COMPACT, UPGRADABLE power modules to support increasing demand from more EVs with bigger batteries - in a very easy to service package.

LCD touchscreen with high brightness and graphical visualization of the charging process

ROBUST all-weather powder-coated stainless steel enclosure



SAFETY: Emergency stop push button to immediately stop charging operation

CONVENIENCE and hassle-free reach for users – with retractable cable management option

GREATER revenue potential with simultaneous charging for 2 electric vehicles, including CCS and CHAdeMO combinations

EASY installation design with fast remote commissioning and start-up

AUTOMATIC authentication capability via CCS connector in the vehicle thanks to easy OCPP integration and Autocharge functionality

MAX CHARGING POWER
Terra 94: 90 kW
Terra 124: 120 kW (and 2 x 60 kW)
Terra 184: 180 kW (and 2 x 90 kW)

MAX CHARGING VOLTAGE
CCS 920 VDC
CHAdeMO 500 VDC

DIMENSIONS
Height 1900 mm / 74.8 in
Width 5655 mm / 222.6 in
Depth 880 mm / 34.6 in
Weight 395 kg / 871 lbs

Why Terra 94/124/184?
Advanced, flexible, compact and smart

Power sharing for high utilization

- Terra 124 and Terra 184 can charge two vehicles simultaneously
- High utilization of charging assets benefit both public and fleet business models
- Supports all open charging standards in flexible configurations
- Safety certified to the highest standards

Future-proof, flexible high-voltage technology

- Flexible, redundant power architecture supports high uptime
- High-voltage charging range up to 920 V
- Fully compatible with current and future EVs
- Option to upgrade power over time, from 90 kW up to 180 kW, to follow EV market growth

Reliable, compact and flexible design

- Based on the Terra platform, the most widely deployed DCFC family in the world
- Space-saving, all-in-one footprint with very easy installation and servicing
- Robust construction for all operational environments
- Cable management options enhance longevity

Always connected, always smart

- 24/7 connectivity, 99.5% ABB network uptime
- Remote services with remote firmware updates and upgrades
- OCPP integration-ready as well as ABB Web Tools functionality
- Autocharge and ISO 15118-ready for plug and charge operation

Fast charging beyond 50 kW

Power sharing delivers high utilization

90kW Charging Points
Terra chargers can provide a quick refill adding 100 miles of range in as little as 15 minutes (Terra 94) or 30 minutes (Terra 54).*

Retail/Shopping Sites
The Terra 124 charger can provide a full battery charge to two vehicles simultaneously while drivers are shopping, dining or at the movies.

Highway corridors and Fleets
The Terra 184 chargers can add 100 miles of range in as little as 10 minutes as well as fast-charge two vehicles at the same time in less than 20 minutes.*

one EV
up to
90 kW

one EV
up to
120 kW

two EVs
each up to
60 kW

one EV
up to
180 kW

two EVs
each up to
90 kW

* actual charging speed depends on the electric vehicle model(s) and charging conditions

Simultaneous charging with high power fast chargers can deliver maximum charging asset utilization while serving an ever-growing population of large battery electric vehicles.

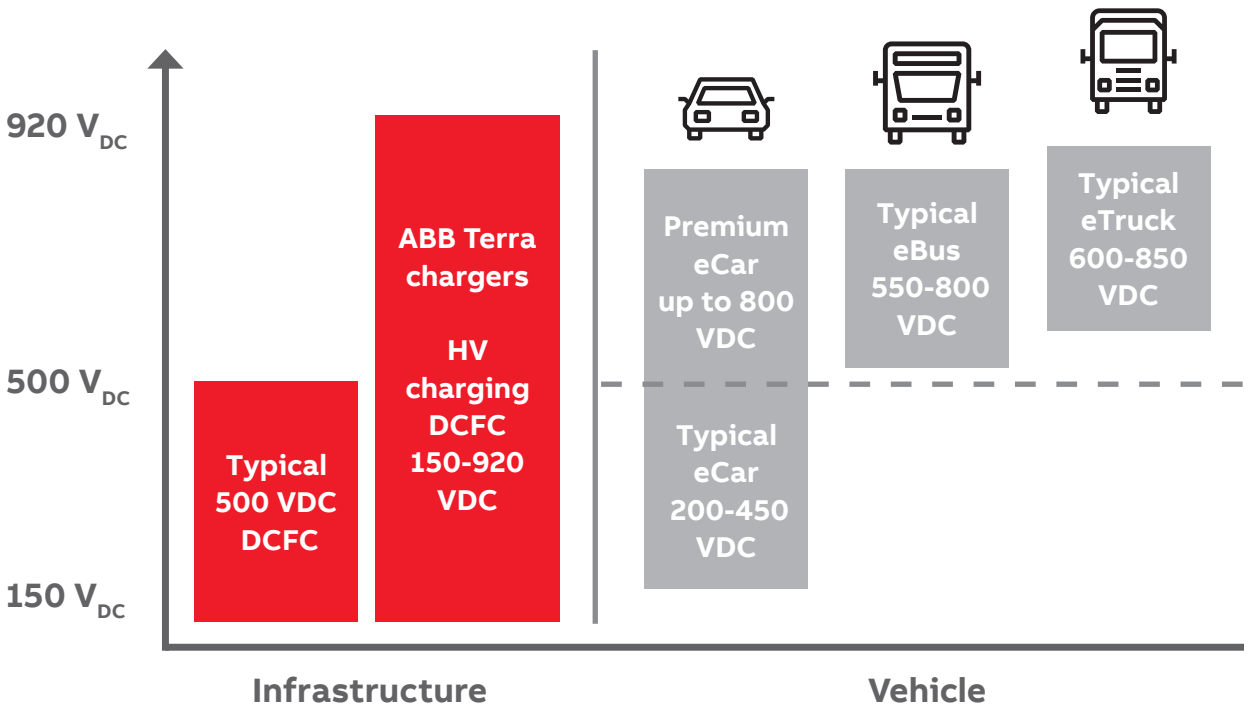
High voltage charging explained
A future-proof strategy

High voltage charging capabilities
As electric vehicles and their use cases diversify, high voltage DC charging has become more important to increase charging power while ensuring as much efficiency, safety and usability in DC charging systems.

Traditional passenger vehicle battery packs are usually designed for 400 VDC charging, so many standard charging systems do not exceed 500 VDC capability. However, some newer vehicles may have battery packs that exceed 400 VDC, often in the 600 to 800 VDC range.

Some EV battery packs, such as with vehicles designed for fleet usage, may only charge at high voltage ratings, demanding charging infrastructure that can deliver power tailored to HV battery packs.

ABB's Terra 94, Terra 124 and Terra 184 chargers are designed to meet EV battery voltage capabilities up to 920V to deliver charging services across a wider range of today's and tomorrow's EVs.



—
A high range of DC voltage capability is demanded to deliver efficient charging service to every EV and use case.

Terra charging times

All-in-one charging for every EV

		Charging time (minutes)					
		50 kW Terra 54 Terra 54HV	**90 kW** Terra 94	**120 kW** Terra 124		**180 kW** Terra 184	
				2 EVs	1 EV	2 EVs	1 EV
Car	60 kWh BEV 400 VDC	50	25	40	20	25	13
	90 kWh BEV 400 VDC	70	40	60	30	40	20
	100 kWh BEV 800 VDC	80	45	65	33	45	22
Bus/Truck	120 kWh BEV School Bus 400 VDC	95	53	80	40	55	26
	150 kWh BEV Delivery Van 800 VDC	120	65	100	50	65	33
	200 kWh BEV Work Truck 800 VDC	160	88	133	66	88	44
	300 kWh BEV 60' Transit Bus 800 VDC	240	130	200	100	130	66

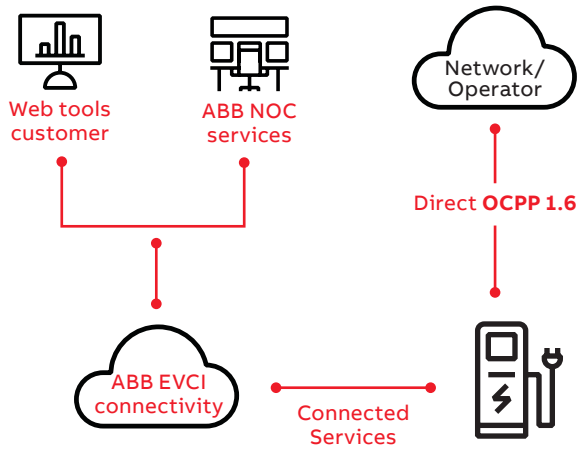
—
Charge times shown based on average vehicle battery management system (BMS) requesting charging power from 20% to 80% under mild environmental conditions. Data assumes vehicles capable of charging at cited power levels.

Flexible OCPP enablement

Back-office integrations backed by ABB connectivity

Network communications
ABB has integrated with nearly every major charging network around the world for OCPP support across public and fleet charging operations. ABB chargers can be operated using a direct OCPP connection while linking to ABB's advanced diagnostics and firmware update services for additional intelligence, technical support as well as reduced maintenance.

Leading the industry in implementing authentication technologies, ABB enables Autocharge coupled with an OCPP server. This functionality offers access control at the vehicle level, ideal for fleet asset telematics. ABB's software engineers work with the latest standardized protocols in the EV charging industry including roaming platforms, energy management software and next generation authentication solutions.



Better and faster support: Chargers connected to ABB's network operations center can achieve the fastest remote support from ABB network engineers. This leads to higher uptime of a charger network, minimizes the number of unplanned on-site visits, and significantly reduces overall operational costs.

Scalability and security: IT resources can scale in the ABB Ability cloud while connectivity monitoring is supported by ABB around the clock. ABB leverages Microsoft Azure based security with fewer backend connections to monitor.

OCPP Integrations

The Open Charge Point Protocol (OCPP) includes a broad set of messages with a wide range of functionality for enterprise telematics and usage data. The transaction-based set-up of the messages makes it easy to connect to a back-end system to process charging sessions, define usage models and handle data. Other capabilities include integration with apps and energy management, such as with OCPP Smart Charging Profiles.

Plug and charge

Eliminating manual authentication methods for drivers while delivering granular data sets to network operators and fleets has never been easier with 'plug and play' charging solutions.

ABB supports Autocharge, in conjunction with an OCPP network integration, to meet vehicle-based authentication demands seamlessly with any CCS vehicle.

Additionally, ABB has proactively enabled ISO 15118 (Plug & Charge) for its charging systems to deliver more advanced plug and play charging experience for the next generation of electric vehicles.

ABB EV Infrastructure services
For highest utilization and lowest downtime

Operational excellence
Charging infrastructure must be optimized for the highest utilization and lowest downtime. ABB's remote and real-time services meets that demand, incorporating a decade of experience with thousands of intelligent fast chargers deployed across the globe.

ABB's Terra family of all-in-one chargers are the easiest chargers in the market to service, with high uptime due to its innovative modularity, round the clock connectivity and experience-led design.

Remote services
- 24/7 connectivity
- Remote services
- Remote diagnostics
- Firmware upgrades
- Driver care web tools
- Charger Care web tools

Parts and warranty services
- Full service warranty process
- Extended warranties
- Preventive service and maintenance
- Network spare parts programs
- Fleet spare parts programs

Custom software services
- OCPP integration
- Autocharge integration testing
- Interoperability testing and validation
- Customized enterprise software support

Training
- Standardized online training
- Customized service training
- Third-party service training programs

Technical specification

	Terra 184	Terra 124
Product information		
Charging type	DC fast charging and AC type-2 charging	DC fast charging and AC type-2 charging
Outlet options	C: CCS cable, J: CHAdeMO cable, T: AC Type-2 socket	C: CCS cable, J: CHAdeMO cable, T: AC Type-2 socket
Input AC power rating	C,CC, CJ: 280 A, 192 kVA @ 50Hz CCT/CJT: 310 A, 214 kVA @ 50Hz	C,CC, CJ: 187 A, 128 kVA @ 50Hz CCT/CJT: 217 A, 150 kVA @ 50Hz
Input voltage range	400 VAC +/- 10% (50 Hz or 60 Hz) - CE Version, 480 VAC or 270 VAC +/- 10% (50 Hz or 60 Hz) - UL Version	
DC output power rating (max)	180 kW	120 kW
AC output power rating (optional)	22 kW	22 kW
DC output voltage	150-920 Vdc	150-920 Vdc
Number of EV served	Up to 3 (CCT, CJT models) Up to 2 (CC, CJ, JJ models) Up to 1 (C models)	Up to 3 (CCT, CJT models) Up to 2 (CC, CJ, JJ models) Up to 1 (C models)
Cable length	3.9 m Optional: 6.0 m / 8.0 m	3.9 m Optional: 6.0 m / 8.0 m
CCS cables maximum current	Standard: 200 A High current: 400 A (peak), 300 A (nominal)	Standard: 200 A High current: 400 A (peak), 300 A (nominal)
CHAdeMO cables maximum current	200 A, 125 A (Optional)	200 A, 125 A (Optional)
Electro-Magnetic Compatibility	Class A (optional Class B) conducted and Class A (optional Class B) radiated emissions according to EN 61000-6-3:2007	
Network type	TN-S, TN-C, TN-C-S, TT (Requires external RCD)	TN-S, TN-C, TN-C-S, TT (Requires external RCD)
Connector types	3P + N + PE	3P + N + PE
Protection	Overcurrent, overvoltage, undervoltage, ground fault including DC leakage protection, integrated surge protection	
Overvoltage category	Type II	Type II
Power factor (full load)	> 0.96	> 0.96
THDi	< 4.5%	< 4.5%
Efficiency	> 95% (peak)	> 95% (peak)
Standby power	80 W	80 W
Short circuit current	10 kA	10 kA
Pre- charge current	< 1 A	< 1 A
Inrush current	< 100 A	< 100 A
Leakage current	0.8 mA	0.8 mA
Energy metering	Optional: MID metering for AC and DC outlets Optional: Eichrecht/PTB compliant metering solution for AC and DC outlets	
Cellular communication	GSM / 4G / LTE	GSM / 4G / LTE
User interface		
Connectivity	Internet access via 4G / 3G / Ethernet (RJ45)	Internet access via 4G / 3G / Ethernet (RJ45)
User authentication	App, ISO 15118 Plug'n'Charge, RFID, PIN code	App, ISO 15118 Plug'n'Charge, RFID, PIN code
User interface	7" LCD high-contrast touchscreen	7" LCD high-contrast touchscreen
Communication protocols	OCPP 1.5 / 1.6 / 2.0 and OPC-UA	OCPP 1.5 / 1.6 / 2.0 and OPC-UA
RFID Reader	ISO 14443 A + B to part 4 and ISO/IEC 15693, Mifare, NFC, Calypso, Ultralight, PayPass, HID; and more	
Emergency button	Yes. The button can be removed with a retrofit kit.	
Configuration		
Software update	over-the-air updates via ABB web portal, OCPP 1.6	
Control and configuration	ABB web portal, on-board Service Portal, OCPP 1.6, OPC-UA	

	Terra 94	Terra 54	Terra 24
	DC fast charging and AC type-2 charging	DC fast charging and AC type-2 charging	DC fast charging and AC type-2 charging
	C: CCS cable, J: CHAdeMO cable, T: AC Type-2 socket	C: CCS cable, J: CHAdeMO cable, G: AC Type-2 cable, T: AC Type-2 socket	C: CCS cable, J: CHAdeMO cable, G: AC Type-2 cable, T: AC Type-2 socket
	C,CC, CJ: 140 A, 96 kVA @ 50Hz	C, CJ: 88 A, 55 kVA @ 50Hz	CJ: 32 A, 23 kVA @ 50Hz
	CCT/CJT: 170 A, 118 kVA @ 50Hz	CT, CJT, CG, CJG: 112A, 77 kVA CG, CJG: 143 A, 98 kVA @ 50Hz	CT, CG, CJG with 22 kW AC outlet: 63 A, 43 kVA @ 50Hz
	400 VAC +/- 10% (50 Hz or 60 Hz) - CE Version, 480 VAC or 270 VAC +/- 10% (50 Hz or 60 Hz) - UL Version		
	90 kW	50 kW	20 kW
	22 kW	43 or 22 kW	43 or 22 kW
	150-920 Vdc	150-920 Vdc (HV), 150-500 Vdc	150-500 Vdc
	Up to 2 (CCT, CJT models) Up to 1 (C, CJ models)	Up to 2 (CT, CJT, CG, CJG models) Up to 1 (C, CJ models)	Up to 2 (CT, CJT, CG, CJG models) Up to 1 (C, CJ models)
	3.9 m Optional: 6.0 m / 8.0 m	3.9 m Optional: 6.0 m / 8.0 m	3.9 m Optional: 6.0 m / 8.0 m
	Standard: 200 A High current: 300 A	125 A	125 A
	200 A, 125 A (Optional)	125 A	125 A
	Class A (optional Class B) conducted and Class A (optional Class B) radiated emissions according to EN 61000-6-3:2007	Class B conducted and Class B radiated emissions according to EN 61000-6-3:2007	
	TN-S, TN-C, TN-C-S, TT (Requires external RCD)	TN-S, TN-C, TN-C-S, IT, TT (Requires external RCD)	TN-S, TN-C, TN-C-S, IT, TT (Requires external RCD)
	3P + N + PE	3P + N + PE	3P + N + PE
	Overcurrent, overvoltage, undervoltage, ground fault including DC leakage protection, integrated surge protection		
	Type II	Type II	Type II
	> 0.96	> 0.96	> 0.96
	< 4.5%	< 5%	< 5%
	> 95% (peak)	> 94% (peak)	> 94% (peak)
	80 W	80 W	80 W
	10 kA	10 kA	10 kA
	< 1 A	< 1 A	< 1 A
	< 100 A	< 100 A	< 100 A
	0.8 mA	0.8 mA	0.8 mA
	Optional: MID metering for AC and DC outlets Optional: Eichrecht/PTB compliant metering solution for AC and DC outlets		
	GSM / 4G / LTE	GSM / 4G / LTE	GSM / 4G / LTE
	Internet access via 4G / 3G / Ethernet (RJ45)	Internet access via 4G / 3G / Ethernet (RJ45)	Internet access via 4G / 3G / Ethernet (RJ45)
	App, ISO 15118 Plug'n'Charge, RFID, PIN code	App, ISO 15118 Plug'n'Charge, RFID, PIN code	App, ISO 15118 Plug'n'Charge, RFID, PIN code
	7" LCD high-contrast touchscreen	7" LCD high-contrast touchscreen	7" LCD high-contrast touchscreen
	OCPP 1.5 / 1.6 / 2.0 and OPC-UA	OCPP 1.5 / 1.6 / 2.0 and OPC-UA	OCPP 1.5 / 1.6 / 2.0 and OPC-UA
	ISO 14443 A + B to part 4 and ISO/IEC 15693, Mifare, NFC, Calypso, Ultralight, PayPass, HID; and more		
	Yes. The button can be removed with a retrofit kit.		
	over-the-air updates via ABB web portal, OCPP 1.6		
	ABB web portal, on-board Service Portal, OCPP 1.6, OPC-UA		

Technical specification

	Terra 184	**Terra 124**
Multilanguage system	English, Italian, Spanish, Germany and more than 50 languages available and new languages configurable via ABB Web Tool	
General characteristics		
IP and IK rating	IP-54 and IK-10 (cabinet) / IK-8 (touchscreen)	
Enclosure type	Stainless steel 430 and Aluminium	
Operational altitude	Up to 2000 m	Up to 2000 m
Operating temperature range	-35 °C to +55 °C	-35 °C to +55 °C
Starage temperature range	-40 °C to +70 °C	-40 °C to +70 °C
Humidity	20-95 % Rh non-condensing	20-95 % Rh non-condensing
Mounting	Free-standing cabinet	Free-standing cabinet
Dimensions (H x W x D)	1900 x 565 x 880 mm	1900 x 565 x 880 mm
Mass	395 kg	365 kg
Certification and standards		
Charging system	IEC 61851-1 ed 3, IEC 61851-21-2 ed 1, IEC 61851-23 ed 1, IEC 61851-24 ed 1, IEC 62196-2, IEC 62196-3, IEC 61000	
Communication to the EV	DIN 70121, ISO/IEC 15118 series ed 1 with PnC and EIM, CHAdeMO 1.2	
Communication to the backend	OCPP 1.6 JSON	
Safety	Risk assessment, Fire analysis	
Warranty	Base warranty 24 months after Site Acceptance Test or 30 months after factory delivery. Warranty extensions available	

	Terra 94	Terra 54	Terra 24
	IP-54 and IK-10 (cabinet) / IK-8 (touchscreen)		
	Stainless steel 430 and Aluminium		
	Up to 2000 m	Up to 2000 m	Up to 2000 m
	-35 °C to +55 °C	-35 °C to +55 °C	-35 °C to +55 °C
	-40 °C to +70 °C	-40 °C to +70 °C	-40 °C to +70 °C
	20-95 % Rh non-condensing	20-95 % Rh non-condensing	20-95 % Rh non-condensing
	Free-standing cabinet	Free-standing cabinet	Free-standing cabinet
	1900 x 565 x 880 mm	1900 x 565 x 780 mm	1900 x 565 x 780 mm
	350 kg	325 kg	275 kg
	IEC 61851-1 ed 3, IEC 61851-21-2 ed 1, IEC 61851-23 ed 1, IEC 61851-24 ed 1, IEC 62196-2, IEC 62196-3, IEC 61000		
	DIN 70121, ISO/IEC 15118 series ed 1 with PnC and EIM, CHAdeMO 1.2		
	OCPP 1.6 JSON		
	Risk assessment, Fire analysis		
	Base warranty 24 months after Site Acceptance Test or 30 monhts after factory delivery. Warranty extensions available		

Ordering codes
IEC Markets

	Rated power (kW)	DC connector 1	DC connector 2	AC connector	Cable Length (in meters)
	Low voltage power trains (150 - 500 Vdc)				
	20	CCS-2	CHAdeMO	-	4
		CCS-2	-	AC Cable (22 kW)	4
		CCS-2	-	AC Cable (22 kW)	4
		CCS-2	CHAdeMO	AC Cable (22 kW)	4
		CCS-2	CHAdeMO	AC Cable (43 kW)	4
		CCS-2	-	AC Socket (22 kW)	4
		CCS-2	CHAdeMO	AC Socket (22 kW)	4
	50	CCS-2	-	-	4
		CCS-2	-	AC Cable (22 kW)	4
		CCS-2	-	AC Cable (43 kW)	6
		CCS-2	-	AC Cable (43 kW)	4
		CCS-2	-	AC Cable (43 kW)	4
		CCS-2	-	AC Socket (22 kW)	4
		CCS-2	CCS-1	AC Socket (22 kW)	4
		CCS-2	CHAdeMO	-	4
		CCS-2	CHAdeMO	AC Cable (22 kW)	4
		CCS-2	CHAdeMO	AC Cable (22 kW)	4
		CCS-2	CHAdeMO	AC Cable (22 kW)	4
		CCS-2	CHAdeMO	AC Cable (22 kW)	4
		CCS-2	CHAdeMO	AC Cable (43 kW)	6
		CCS-2	CHAdeMO	AC Cable (43 kW)	4
		CCS-2	CHAdeMO	AC Cable (43 kW)	4
		CCS-2	CHAdeMO	AC Cable (43 kW)	4
		CCS-2	CHAdeMO	AC Cable (43 kW)	4
		CCS-2	CHAdeMO	AC Cable (43 kW)	4
		CCS-2	CHAdeMO	AC Socket (22 kW)	4
	High voltage power trains (150 - 900 Vdc)				
	50	CCS-2	-	-	4
		CCS-2	-	AC Cable (22 kW)	4
		CCS-2	-	AC Cable (43 kW)	4
		CCS-2	CHAdeMO	-	4
		CCS-2	CHAdeMO	AC Cable (22 kW)	4
		CCS-2	CHAdeMO	AC Cable (43 kW)	4
		CCS-2	-	AC Socket (22 kW)	4
		CCS-2	CHAdeMO	AC Socket (22 kW)	4
		CCS-2	-	-	8
		CCS-2	CCS-1	AC Socket (22 kW)	8

Cable rating (in A)	Other features	Type	Order code
125		TERRA CE 24 CJ 4-7M-0-0;IT	ABB6AGC073424
125		TERRA CE 24 CG22 4-7M- M-0	ABB6AGC084119
125		TERRA CE 24 CG22 4-7M-0-0;IT	ABB6AGC073442
125		TERRA CE 24 CJG22 4-7M-0-0;IT	ABB6AGC084120
125		TERRA CE 24 CJG 4-7M-0-0;IT	ABB6AGC073423
125		TERRA CE 24 CT 4-7M-0-0;IT	ABB6AGC074672
125		TERRA CE 24 CJT 4-7M-0-0;IT	ABB6AGC100991
125		TERRA CE 54 C 4-7M-0-0;IT	ABB6AGC075211
125		TERRA CE 54 CG22 4-7M-0-0;IT	ABB6AGC073428
125	Upgradable to add CHAdeMO outlet	TERRA CE 54 CG 6-7M-0-SLA;IT	ABB6AGC076637
125		TERRA CE 54 CG 4-7M-0-0;IT	ABB6AGC066382
125	Upgradable to add CHAdeMO outlet	TERRA CE 54 CG 4-7M-0-SLA;IT	ABB6AGC071786
125		TERRA CE 54 CT 4-7M-0-0;IT	ABB6AGC071873
125		TERRA CE 54 C1C2T 4-7M-0-0;IT	ABB6AGC071535
125		TERRA CE 54 CJ 4-7M-0-0;IT	ABB6AGC063492
125	6 meters long AC cable	TERRA CE 54 CJG22 4-7M-0-D;IT	ABB6AGC073952
125	Nayax Payment Terminal factory mounted	TERRA CE 54 CJG22 4-7MN-0-0;IT	ABB6AGC080552
125		TERRA CE 54 CJG22 4-7M-0-0;IT	ABB6AGC071735
125	CCV Payment Terminal (B/S PayOne) factory mounted	TERRA CE 54 CJG22 4-7MB-0-0;IT	ABB6AGC080554
125	CCV Payment Terminal (Card Process, Germany only) factory mounted	TERRA CE 54 CJG22 4-7MA-0-0;IT	ABB6AGC080555
125	Nayax Payment Terminal factory mounted	TERRA CE 54 CJG 6-7MN-0-0;IT	ABB6AGC077820
125		TERRA CE 54 CJG 4-7M-0-0;IT	ABB6AGC063056
125	CCV Payment Terminal (B/S PayOne) factory mounted	TERRA CE 54 CJG 4-7MB-M-0	ABB6AGC084126
125	CCV Payment Terminal (B/S PayOne) factory mounted	TERRA CE 54 CJG 4-7MB-0-0;IT	ABB6AGC071860
125	Nayax Payment Terminal factory mounted	TERRA CE 54 CJG 4-7MN-0-0;IT	ABB6AGC071817
125	CCV Payment Terminal (Card Process, Germany only) factory mounted	TERRA CE 54 CJG 4-7MA-0-0;IT	ABB6AGC073426
125	CCV Payment Terminal (Card Process, Germany only) factory mounted	TERRA CE 54 CJG 4-7MA-M-0	ABB6AGC084125
125		TERRA CE 54 CJT 4-7M-0-0;IT	ABB6AGC071512
125		TERRA CE 54HV-C-4-7M-0-0	ABB6AGC070818
125		TERRA CE 54HV CG22 4-7M-0-0	ABB6AGC080559
125		TERRA CE 54HV CG 4-7M-0-0	ABB6AGC076835
125		TERRA CE 54HV-CJ-4-7M-0-0	ABB6AGC076568
125		TERRA CE 54HV CJG22 4-7M-0-0	ABB6AGC080560
125		TERRA CE 54HV-CJG-4-7M-0-0	ABB6AGC066474
125		TERRA CE 54HV-CT-4-7M-0-0	ABB6AGC077783
125		TERRA CE 54HV-CJT-4-7M-0-0	ABB6AGC077781
125		TERRA CE 54HV C 8-7M-0-0	ABB6AGC072019
125		TERRA CE 54HV CCT 8-7M-0-0	ABB6AGC077836

Ordering codes
IEC Markets

	Rated power (kW)	DC connector 1	DC connector 2	AC connector	Cable Length (in meters)
	High voltage power trains (150 - 900 Vdc)				
	90	CCS-2	-	-	4
		CCS-2	CCS-2	-	4
		CCS-2	CHAdeMO	AC Socket (22 kW)	4
		CCS-2	CHAdeMO	-	4
		CCS-2	-	-	7
	120	CCS-2	-	-	4
		CCS-2	CCS-1	AC Socket (22 kW)	4
		CCS-2	CCS-2	AC Socket (22 kW)	4
		CCS-2	CCS-2	-	7
		CCS-2	-	-	4
		CHAdeMO	CHAdeMO	-	4
		CCS-2	CCS-2	-	6
		CCS-2	CHAdeMO	-	6
		CCS-2	CHAdeMO	-	4
		CCS-2	CCS-2	-	4
		CCS-2	CCS-2	-	4
		CCS-2	CHAdeMO	-	4
		CCS-2	CCS-2	AC Socket (22 kW)	4
		CCS-2	CCS-1	AC Socket (22 kW)	4
		CCS-2	CHAdeMO	AC Socket (22 kW)	4
		CCS-2	-	-	4
		CCS-2	CCS-2	-	4
	180	CCS-2	-	-	4
		CCS-2	-	-	4
		CCS-2	CCS-1	AC Socket (22 kW)	4
		CCS-2	CCS-1	AC Socket (22 kW)	4
		CCS-2	CCS-2	AC Socket (22 kW)	4
		CCS-2	CCS-2	-	7
		CCS-2	CCS-2	-	8
		CCS-2	CCS-2	-	7
		CCS-2	CCS-2	AC Socket (22 kW)	4
		CCS-2	CCS-2	-	8
		CCS-2	CCS-2	-	4
		CCS-2	CCS-2	-	7
		CCS-2	CCS-2	-	4
		CCS-2	CHAdeMO	-	8
		CCS-2	CHAdeMO	AC Socket (22 kW)	4
		CCS-2	CHAdeMO	-	4
		CCS-2	CHAdeMO	-	8
		CCS-2	CHAdeMO	AC Socket (22 kW)	4
		CHAdeMO	CHAdeMO	-	4
		CCS-2	CHAdeMO	-	4
		CHAdeMO	CHAdeMO	-	6

Cable rating (in A)	Other features	Type	Order code
200		TERRA CE 94 C 4-7M-0-0	ABB6AGC080803
200		TERRA CE 94 CC 4-7M-0-0	ABB6AGC080804
200		TERRA CE 94 CJT 4-7M-0-0	ABB6AGC080806
200		TERRA CE 94 CJ 4-7M-0-0	ABB6AGC080805
200	Customization for fleet operators	TERRA CE 94 C 7-7M-0-HVC	ABB6AGC085500
200		TERRA CE 124 C 4-7M-0-0	ABB6AGC083318
200		TERRA CE 124 C1C2T 4-7M-0-0	ABB6AGC085471
200		TERRA CE 124 CCT 4-7M-0-0	ABB6AGC082795
200	Customization for fleet operators	TERRA CE 124 CC 7-7M-0-HVC	ABB6AGC085164
200	Customization for fleet operators	Terra CE 124 C 7-7M-0-HVC	ABB6AGC100409
200		TERRA CE 124 JJ 4-7M-0-0	ABB6AGC085464
200		TERRA CE 124 CC 6-7M-0-0	ABB6AGC100960
200		TERRA CE 124 CJ 6-7M-0-0	ABB6AGC100961
200		TERRA CE 124 CJ 4-7M-0-0	ABB6AGC082793
200		TERRA CE 124 CC 4-7M-0-0	ABB6AGC082794
400		TERRA CE 124 CC 4-7M-0-HC	ABB6AGC085475
400		TERRA CE 124 CJ 4-7M-0-HC	ABB6AGC085474
400		TERRA CE 124 CCT 4-7M-0-HC	ABB6AGC085482
400		TERRA CE 124 C1C2T 4-7M-0-HC	ABB6AGC085496
400		TERRA CE 124 CJT 4-7M-0-HC	ABB6AGC085476
400		TERRA CE 124 C 4-7M-0-HC	ABB6AGC085473
400		TERRA CE 124 CC 4-7M-0-HC	ABB6AGC084253
200		TERRA CE 184 C 4-7M-0-0	ABB6AGC080810
400		TERRA CE 184 C 4-7M-0-HC	ABB6AGC085488
200		TERRA CE 184 C1C2T 4-7M-0-0	ABB6AGC085472
400		TERRA CE 184 C1C2T 4-7M-0-HC	ABB6AGC085497
200		TERRA CE 184 CCT 4-7M-0-0	ABB6AGC085461
200	Customization for fleet operators	TERRA CE 184 CC 7-7M-0-HVC	ABB6AGC084662
200		TERRA CE 184 CC 8-7M-0-0	ABB6AGC085463
400		TERRA CE 184 CC 7-7M-0-HC	ABB6AGC085491
400		TERRA CE 184 CCT 4-7M-0-HC	ABB6AGC085489
400		TERRA CE 184 CC 8-7M-0-HC	ABB6AGC085492
200		TERRA CE 184 CC 4-7M-0-0	ABB6AGC080811
200		TERRA CE 184 CC 7-7M-0-0	ABB6AGC084193
400		TERRA CE 184 CC 4-7M-0-HC	ABB6AGC082856
200		TERRA CE 184 CJ 8-7M-0-0	ABB6AGC085551
200		TERRA CE 184 CJT 4-7M-0-0	ABB6AGC085462
400		TERRA CE 184 CJ 4-7M-0-HC	ABB6AGC082857
400		TERRA CE 184 CJ 8-7M-0-HC	ABB6AGC085552
400		TERRA CE 184 CJT 4-7M-0-HC	ABB6AGC085490
200		TERRA CE 184 JJ 4-7M-0-0	ABB6AGC085465
200		TERRA CE 184 CJ 4-7M-0-0	ABB6AGC080812
200		TERRA CE 184 JJ 6-7M-0-0	ABB6AGC085466

Ordering codes
UL Markets

	Rated power (kW)	DC connector 1	DC connector 2	AC connector	Cable Length (in meters)
	Low voltage power trains (150 - 500 Vdc)				
	50	CCS-1	-	-	4
		CCS-1	-	-	4
		CCS-1	-	-	4
		CCS-1	CHAdeMO	-	4
		CCS-1	CHAdeMO	-	4
		CCS-1	CHAdeMO	-	4
		CCS-1	CHAdeMO	-	4
		CCS-1	-	-	6
		CCS-1	CHAdeMO	-	6
		CCS-1	CHAdeMO	-	6
		CCS-1	CHAdeMO	-	6
	High voltage power trains (150 - 900 Vdc)				
	50	CCS-1	-	-	4
		CCS-1	-	-	4
		CCS-1	-	-	6
		CCS-1	-	-	6
		CCS-1	CHAdeMO	-	6
		CCS-1	CHAdeMO	-	6
	90	CCS-1	-	-	6
		CCS-1	CCS-1	-	6
		CCS-1	CHAdeMO	-	6
	100	CCS-1	CCS-1	-	6
		CCS-1	CHAdeMO	-	6
		CCS-1	CHAdeMO	-	6
		CCS-1	CCS-1	-	6
	120	CCS-1	-	-	6
		CCS-1	CCS-1	-	6
		CCS-1	CHAdeMO	-	6
		CCS-1	-	-	6
		CCS-1	CCS-1	-	6
		CCS-1	CHAdeMO	-	6
	180	CCS-1	-	-	6
		CCS-1	CCS-1	-	6
		CCS-1	CCS-2	-	6
		CCS-1	CHAdeMO	-	6
		CCS-1	CCS-1	-	6
		CCS-1	CCS-2	-	6

Cable rating (in A)	Other features	Type	Order code
125	SCCR 65 kA	TERRA UL 54 C 4-7M-0-65K;IT	ABB6AGC081369
125	Nayax Payment Terminal factory mounted, SCCR 65 kA	TERRA UL 54 C 4-7MN-0-65K;IT	ABB6AGC081370
125		TERRA UL 54 C 4-7M-0-0;IT	ABB6AGC072953
125		TERRA UL 54 CJ 4-7M-0-0;IT	ABB6AGC063054
125	Nayax Payment Terminal factory mounted	TERRA UL 54 CJ 4-7MN-0-0	ABB6AGC071946
125	SCCR 65 kA	TERRA UL 54 CJ 4-7M-0-65K;IT	ABB6AGC081371
125	Nayax Payment Terminal factory mounted, SCCR 65 kA	TERRA UL 54 CJ 4-7MN-0-65K;IT	ABB6AGC081372
125		TERRA UL 54 C 6-7M-0-0;IT	ABB6AGC076297
125	Nayax Payment Terminal factory mounted, SCCR 65 kA	TERRA UL 54 CJ 6-7MN-0-65K;IT	ABB6AGC085697
125		TERRA UL 54 CJ 6-7M-0-0;IT	ABB6AGC071648
125	Nayax Payment Terminal factory mounted	TERRA UL 54 CJ 6-7MN-0-0	ABB6AGC076298
125		TERRA UL 54HV C 4-7M-0-0	ABB6AGC072018
125	SCCR 65 kA	TERRA UL 54HV C 4-7M-0-65K	ABB6AGC082822
125	SCCR 65 kA	TERRA UL 54HV C 6-7M-0-65K	ABB6AGC084934
125		TERRA UL 54HV C 6-7M-0-0	ABB6AGC076299
125		TERRA UL 54HV CJ 6-7M-0-0	ABB6AGC082684
125	SCCR 65 kA	TERRA UL 54HV CJ 6-7M-0-65K	ABB6AGC082821
200		TERRA UL 94 C 6-7M-0-0	ABB6AGC080807
200		TERRA UL 94 CC 6-7M-0-0	ABB6AGC080808
200		TERRA UL 94 CJ 6-7M-0-0	ABB6AGC080809
200		TERRA UL 104 CC 6-7M-0-0	ABB6AGC085468
200		TERRA UL 104 CJ 6-7M-0-0	ABB6AGC085469
400		TERRA UL 104 CJ 6-7M-0-HC	ABB6AGC085495
400		TERRA UL 104 CC 6-7M-0-HC	ABB6AGC085494
200		TERRA UL 124 C 6-7M-0-0	ABB6AGC083319
200		TERRA UL 124 CC 6-7M-0-0	ABB6AGC082796
200		TERRA UL 124 CJ 6-7M-0-0	ABB6AGC082797
400		TERRA UL 124 C 6-7M-0-HC	ABB6AGC085477
400		TERRA UL 124 CC 6-7M-0-HC	ABB6AGC085481
400		TERRA UL 124 CJ 6-7M-0-HC	ABB6AGC085478
200		TERRA UL 184 C 6-7M-0-0	ABB6AGC080813
200		TERRA UL 184 CC 6-7M-0-0	ABB6AGC080815
200		TERRA UL 184 C1C2 6-7M-0-0	ABB6AGC085467
200		TERRA UL 184 CJ 6-7M-0-0	ABB6AGC080816
400		TERRA UL 184 CC 6-7M-0-HC	ABB6AGC100820
400		TERRA UL 184 C1C2 6-7M-0-HC	ABB6AGC085493

Ordering codes for accessories

Customizations, upgrades and accessories	
Tx4 cabinet color customization	
Cable managmenet system (one connector)	for Terra 23/53, Terra 24/54/54HV, Terra 94/124/184
Payment kit CCV	Version for Europe (CardProcess)
	Version for Europe (B/S PayOne)
Payment kit Nayax	Version for North America
	Version for Europe
	Version for Asia
Tilt sensor	
Tx4 pre-cast concrete foundation	
Air filter kit replacement	Kit for inlet air filters
	Kit for outlet air filters
4G Modem upgrade for legacy chargers	Version for APAC region
	Version for EMEA and NAM regions
CHAdeMO-upgrade kit (“SLAM”)	for Terra 54 "SLAM"
Power Module (10 kW) for upgrade	for Terra 24/54/54HV, CE and UL models
Power Module (30 kW) for upgrade	for Terra 94/124/184, CE models
	for Terra 94/124/184, UL models
Remotely resettable RCD (for chargers equipped with AC outlet)	for Terra 54HV/54/24

	Ordering code
	4EPY420003R1
	6AGC084211
	6AGC072870
	6AGC072870
	6AGC072758
	6AGC072759
	6AGC073030
	6AGC084252
	4EPY420074R1
	4EPY140039R1
	4EPY140040R1
	6AGC079202
	6AGC077126
	6AGC077234
	6AGC078445
	6AGC100134
	6AGC081158
	6AGC080337

Designed for flexibility
A configuration for every use case

Terra 94/124/184 C
Single outlet CCS with cable management system

Terra 94/124/184 CC
Dual outlet CCS with cable management system

Terra 94/124/184 CJ
Dual outlet CCS and CHAdeMO with cable management system and credit card reader

Power levels
- 50 kW
- 90 kW
- 120 kW / 60 kW shared
- 180 kW / 90 kW shared

Charging standards
- CCS+CHAdeMO
- CCS-only single outlet
- CCS-only dual outlet

Cable management
- Reliable, tested system
- Factory or field install

User access / payment
- OCPP Integration
- Credit card reader
- PIN via Web Tools
- Autocharge/ISO 15118

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