



# caffè corretto **system** high-power

## Ultra fast charging for everyone

The "caffè corretto system" is a high-performance charging station that can be equipped with modular units capable of delivering up to 384kW of DC charging power. The high charging voltage ranging from 150 to 920V is just as much a given as the support for all fast charging standards of automotive manufacturers. This allows not only electric passenger cars but also electric commercial vehicles to be quickly supplied with the necessary energy again. Through the two DC charging outputs (2x CCS/CCS and CHAdeMO), two electric vehicles can be simultaneously supplied with energy. About the 22kW with the AC socket,

a third vehicle can be charged in parallel. Different payment and access systems are optionally available. This allows the "caffè corretto system" to be customised according to your specific needs.

## Payment terminal

Optionally, the fast charging station can be equipped with an NFC payment terminal. This supports all major credit and debit cards and also enables payment with smart-phones. Regardless of the charging network, real-time charging costs are displayed on the screen, providing full control over costs.

- 384kW capacity
- Current 2x 480A
- High Power CCS2
- Load management



## Simultaneous charging

The caffè corretto system can simultaneously supply energy to up to three electric vehicles in parallel. The smart energy distribution between two electric vehicles is controlled by the integrated dynamic load management system.

CCS Plug



CHAdeMO Plug



Typ 2 Socket (optional)





## Easy to use

The caffè corretto system, like the 165kW espresso&charge quick charger, meets the highest safety and quality standards. All our chargers are designed for everyday use even in harsh environments and are intuitive and user-friendly to use. The user can therefore choose between different languages and operation is possible even while wearing gloves. Like all EVTEC products, espresso&charge was developed and manufactured in Switzerland.



## caffè corretto system high-power

- 384 kW charging capacity
- Charging current 2x 480 A
- High power CCS2
- Load management

## EVTEC AG

Phone: +41 41 260 88 38

E-Mail: [evtec@evtec.ch](mailto:evtec@evtec.ch)

Web: [www.evtec.ch](http://www.evtec.ch)

moka&charge charging station	
DC plug	CCS-Type2, IEC 62196-3; CHAdeMO JEVS G105
DC charging capacity	384kW / 2x 192kW
DC safety	Short-circuit protection, overcurrent protection, overvoltage protection, undervoltage protection, insulation monitoring, earthing monitoring
AC charging capacity	22kW, Tipo 2 AC socket, 400V AC
AC safety	Residual current protection device (type B), overcurrent protection, earthing monitoring
DC output current	1x 500A oder 2x 480A (CCS, dynamic switching)
DC charging cable air-cooled	CCS2: 500A peak, 250A continuous current CHAdeMO: 125A continuous current
DC output voltage	150-920V DC
AC mains connection	L1, L2, L3, N, PE, 50/60Hz
AC input current	1x 4A 230V (without AC type 2), 3x 36A 400V (with AC type 2)
CHAdeMO	Rev. 0.9.1 (certified), Rev. 1.2 (compatible) JEVS G105
Combined Charging System (CCS2)	DIN 70121, ISO 15118, Plug IEC 62196-3
Output variants	3in1: CCS2, CHAdeMO, AC type 2 socket
Charging cable / cable management	Cable lengths: Standard 3.5m per charging cable / optionally with 6m cable management, cable retraction for two DC cables with automatic locking of the cable pull after insertion
Screen / HMI	7" with good readability in all conditions / power, energy display, battery level and charging costs in real time
RFID	ISO/IEC 14443A, ISO7816, MIFARE Ultralight®, NTAG203, MIFARE Mini, MIFARE Classic® 1K, MIFARE Classic® 4K, FM11RF08
Communication and interfaces	OCPP 1.5, OCPP 1.6, OCPP 2.0 (ready), JSON / SOAP, Ethernet port, GPRS, UMTS, LTE
Access / payment systems	RFID (eCarUp, Move, swisscharge, etc.), Optional: NFC authentication, credit and debit cards such as Visa, Mastercard, Maestro, V Pay Apple-Pay, Google Pay, Samsung Pay
Maximum noise level	52dB(A) in 1m @ 20°C ambient temperature
Floor mounted	opt2020, according to foundation drawing moka&charge
Dimensions (D x W x H)	350 x 591 x 1969 mm (dimensions without cable management)
Weight	200kg (with cable management)
Power unit corretto&charge	
Output power	192kW / 2x 96kW
Output current	2x 240A
AC input current	301A
Short-circuit resistance	max. short-circuit resistance I <sub>kmax</sub> = 100kA
Excess voltage	Type 2 + Type 3 / Class II, Optional: Type 1 + Type 2+ Type 3 / Class I + Class II
Efficiency	94.5% (at > 50% power)
Power factor	> 0.9 (at > 50% power)
THDI	≤5%
Noise levels	68dB(A) in 1m
Floor mounted	On-site foundation or prefabricated foundation according to installation instructions with shaft
Dimensions (D x W x H)	838 x 904 x 2081 mm
Weight	452kg
System caffè corretto	
Maximum distance between power unit and charging station	100m
Conformity	EN 61851-1, -23
Environment / vandalism	IP 54 und IK 10
Operating temperature	-20°C to +45°C
Storage	-40°C to +85°C with RF 5% bis 95% (not condensing)
EMC	EN 61000-6-1, -2, -3, -4; EN 62311; EN 301 489-1, -3, -17, -52; EN 300 220; EN 300 328; EN 300 330

## the &chargefamily



**moka.corretto system**  
Up to 384kW DC charge power with distributed architecture and minimal footprint for dispenser.



**bricco.corretto system**  
Up to 2x 192kW DC charge power with distributed architecture for depot applications.



**ristretto&charge**  
High power charger with up to 384kW DC and voltages up to 920V. Charge 3 vehicles simultaneously.



**cappuccino&charge**  
100kW DC, including dynamic load distribution, charges up to three vehicles at the same time.



**move&charge**  
Plug&play 20kW DC + 22kW AC charge. Optional version with 1000V, available with all DC-plugs.