



# cappuccino&charge

## Ready for all electric vehicles

cappuccino&charge enables simultaneous charging on 3 Outputs up to 100kW DC and 22kW AC. Included all fast charging standards up to 920V voltage supports. Thanks to OCPP compatibility, common Payment and access systems easy to implement and enable ideal charges e.g. in hotels and restaurants or in municipal operations.

## Dynamic power management

cappuccino&charge adjusts the power at parallel charging intelligently so that all vehicles are optimally served at all times.

## Payment-Terminal

Optionally, the fast charging station can be equipped with an NFC payment terminal. This supports all common credit and debit cards and also enables payment with a smart-phone. Regardless of the charging network, the charging costs are visible on the display in real time and lead to full cost control.

- 3 parallel chargers
- OCPP compatible
- load management
- dynamic power splitting



## The dynamic AC/DC charging station

cappuccino&charge 3in1, the fast charger for multiple applications, supports the three most important fast-charging standards (DC CCS, DC CHAdeMO and AC type 2). That allows to charge every electric vehicle. The station supplies power for up to three cars at the same time and delivers roughly 100 kilometers of driving range in 20 minutes charging time.





## Fastcharging for everybody

cappuccino&charge like the 384kW super fastcharger espresso&charge, is built to the highest safety & quality standards. The chargers are developed for demanding daily use in rough conditions and still easily and intuitively operated. For example, the users can easily see the power output of the station during a charge on the color display. As all EVTEC products, cappuccino&charge was developed and produced in Switzerland



- 3 parallel chargers
- fully OCPP compatible
- load management

## EVTEC AG

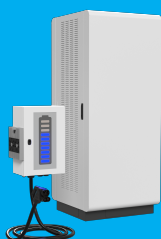
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cappuccino&charge charging station	
DC plug	CCS-Type2, IEC 62196-3; CHAdeMO JEVS G105
DC charging capacity	100kW
DC safety	Short-circuit protection, overcurrent protection, overvoltage protection, undervoltage protection, insulation monitoring, earthing monitoring
AC charging capacity	22kW, Type 2 AC socket
AC safety	Residual current protection device (type B), overcurrent protection, earthing monitoring
DC output current	1x 275A or 2x 160A
DC charging cable air-cooled	CCS2: 200A continuous current CHAdeMO: 125A continuous current
DC output voltage	150-920V DC
AC mains connection	L1, L2, L3, N, PE, 3x400V ±10%, 50/60Hz
AC input current	only DC: 176 A, DC+AC: 200A
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: 1xCCS2, CHAdeMO, AC Type2 socket 2in1: CCS2, CHAdeMO, other variants on request
Charging cable / cable management	Cable lengths: Standard 3.5m per charging cable
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, LT
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
Environment / vandalism	IP 54 and IK 10
Operating temperature	-20°C up to +45°C
Storage	-40°C up to +85°C with RF 5% up to 95% (non condensing)
Max. noise level	64dB(A) in 1m
Short-circuit resistance	10 kA Icu
EMC	EN 61000-6-1, -2, -3, -4
Conformity	EN 61851-1, -22, -23; EN 62479; EN55011 + A1
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	> 0.99 (at > 50% power)
THDI	≤5%
Load shedding	via potential-free contact
Floor mounted	opt2020 foundation
Dimensions (D x W x H)	300 x 590 x 1900 mm
Weight	205kg
Mounting height MASL	2000

## the &chargefamily



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



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



**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.