



corretto&charge⁶

6 parallel charges

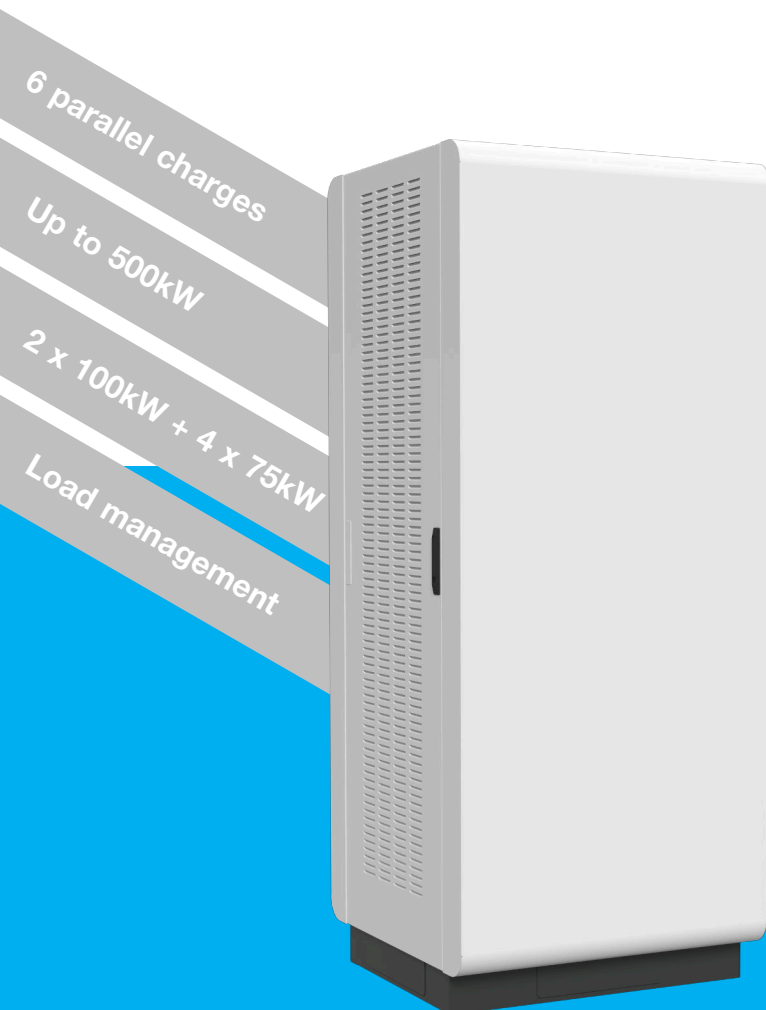
The corretto&charge⁶ high-performance charger features a single charging unit for six DC charging connections. It provides a total charging power of up to 500kW, which can be modularly equipped. This power is divided into two groups of 100kW each and four groups of 75kW each. With the corretto&charge⁶, up to six charging processes can be carried out simultaneously, which allows for perfect adaptation to your individual requirements.

Flexible like your location

The entire system can be arranged over a distance of 100 metres. The output devices with functional cable lengths of up to 9 metres can be individually adapted to local demands – whether through installation in the shaft, on the surface or even at a height. Due to this variability, the corretto&charge⁶ is particularly suitable for charging trucks, buses or commercial vehicles in the depot..

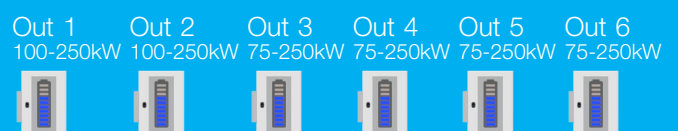
Dynamic DC wiring

The intelligent load management control system matches consumers, generators and storage systems with the requirements of the respective electric vehicle, as needed. This means that several electric vehicles can be charged simultaneously and the charging power available is distributed to the connected charging outputs. Thereby, the charging station's available power is used efficiently, leading to shorter charging times.



Bricco-/ Moka-System

The power unit is available with either 6 bricco&charge output terminals or 3 moka&charge output terminals, according to user requirements. A total of 6 vehicles can be charged simultaneously. All components are industry standard, easily accessible and repairable, or easily replaceable in the event of accidents or damage. The corretto&charge6 supports the common DC CCS2 and DC CHAdeMO charging standards.





Flexible and powerful

The **corretto&charge⁶** like the **ristretto&charge** and **cappuccino&charge** charging stations, meets the highest safety and quality standards. All our chargers are designed for everyday use even in harsh environments. The handling is intuitive and user-friendly. Like all EVTEC products, **corretto&charge⁶** is developed and manufactured in Switzerland and supported by service and support from Switzerland.



corretto&charge⁶

- Max. 500kW charging power
- 6 parallel charges
- Total output current: 1500A
- Dynamic load management
- Optional: high installation base

corretto&charge ⁶ power unit			
AC mains connection	L1, L2, L3, N, PE, 50/60Hz		
DC safety	Short-circuit protection, overcurrent protection, overvoltage protection, undervoltage protection, insulation monitoring, earthing monitoring		
DC output voltage	150-920V DC		
Output power	300kW	400kW	500kW
Output current	6x 150A / 2x 450A	6x 225A / 2x 500A	Total 1500A
AC input current	460A	585A	765A
Number of outputs	6		
Number of parallel charges	6		
Max. AC connection cross-section	240mm ² / M10		
Max. DC connection cross-section	240mm ² / M10		
Short-circuit resistance	Maximum short-circuit current I _{kmax} = TBD		
Excess voltage	Type 2 + Type 3 / Class II, Optional: Type 1 + Type 2+ Type 3 / Class I + Class II		
Efficiency	95% standard power module / 97% high efficiency power module (bei > 50% Leistung)		
Power factor	> 0.99 (at max. power)		
THDI	≤5% (at max. power)		
Noise level	TBD in 1m @ 20°C ambient temperature		
Cooling system	Air-cooled by fans		
Floor mounting	On-site foundation or prefabricated foundation according to installation instructions with shaft		
Dimensions (D x W x H)	838 x 853.5 x 2081 mm		
Weight	<600kg	<700kg	<800kg
Conformity	EN 61851-1, -23		
Environment/vandalism	IP 54 und IK 10		
Operating temperature	-20°C bis +45°C		
Storage	-40°C to +85°C with RF 5% to 95% (non-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		
caffè coretto overall system			
Maximum distance between power unit and charging station	100m		
Maximum voltage drop to dispenser	5V DC		
* Preliminary specification: The values may differ in the series.			

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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.