



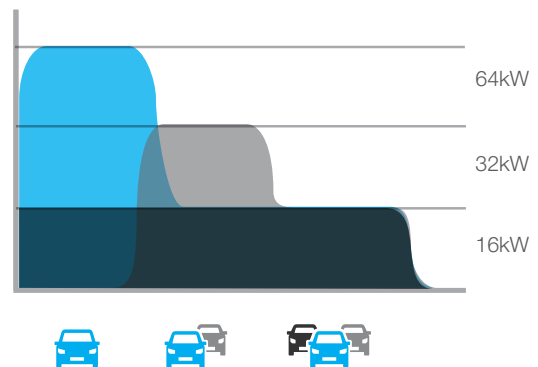
cappuccino&charge

Ready for all electric vehicles

cappuccino&charge allows for parallel charging at 3 outputs with up to 64kW DC and 22kW AC. It supports all existing fastcharging standards with up to 500V. Thanks to the OCPP-compatibility, all common payment- and access solutions are easily integrateable and allow ideal charging i.e. at hotels and restaurants, or in municipal applications.

Dynamic power management

cappuccino&charge intelligently adjusts the output power while parallel charging, so that all connected 3 vehicles are optimally catered for at the same time. This so-called "dynamic DC-power splitting" is available optionally.



3 parallel chargers
 fully 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 fastcharging standards (DC CHAdeMO, DC Combined Charging System, 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 165kW 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
- dynamic power splitting

Technical Specifications					
Input AC	Grid connection	AC 3 - phase + N + PE			
	Input voltage range	400V _{AC} +/- 10%			
	Input frequency	45 - 65Hz			
AC Output Socket	AC Socket	IEC 62196 Mode 3, Type 2			
	Socket Nominal AC output power	22kW			
	(option) Nominal AC output voltage	400V _{AC}			
	Nominal AC output current	3 x 32A _{AC}			
	Safety	- Residual current operated device (type B) - Overcurrent circuit protection - Earth monitoring			
DC Output	DC Plug	Plug 1	 CSS IEC 62196-3	Plug 2	 CHAdeMO JEVS G105
		Maximum DC Output power		32kW - 64kW	
	DC Output voltage range	150 - 500V _{DC}			
	Maximum DC Output current	40 - 160A _{DC}			
	Power factor (50% load)	> 0.99			
	Efficiency	95% at full load			
	Safety	- Short circuit protected output - Overcurrent circuit breaker - Overvoltage protection	- Low-voltage protection - Insulation protection - Grounding protection		
	General	Operating temperature	-20°C to +45°C		
		Relative humidity	5% to 95% (without condensation)		
		Protection	IP 54 (indoor / outdoor use)		
Dimensions (B x H x T)		1900 x 590 x 300 mm			
Standards	Electrical safety (xFC1)	IEC 61851-1, IEC 61439-2			
	EMV	EN 61000-6-1, -2, -3, 4, EN 61000-3-2			
	CHAdeMO	Rev. 0.9.1 (certified), Rev. 1.2 (compatible)			
	Combined Charging System (CCS)	DIN 70121 (interoperability test BMW, VW, GM) ISO 15118 Plug IEC 62196-3			
Options	Backend Interface	Payment by smartphone			
	Access/payment systems	RFID Authentication			
	Remote management	OCPP 1.5, OCPP 1.6 (JSON / SOAP)			
	Fixation	foundation opt2020			
Connectivity	Ethernet, GSM / GPRS / UMTS				

EVTEC AG

Phone: +41 41 260 88 38

E-Mail: evtec@evtec.ch

Web: www.evtec.ch

the &chargefamily: www.andcharge.com

EVTEC



espresso&charge

Up to 165kW DC + 65kW AC charging for all vehicles. Charges up to four cars at the same time.



cappuccino&charge

64kW DC, including dynamic load management and a color display, allow easy and fast charging of all EV's.



coffee&charge

Quick and easy charging with up to 20kW DC + 22kW AC. Billing and bi-directional charging possible.



move&charge

Plug&play 20kW DC + optional 22kW AC charging. For fleet operators, repair shops and spontaneous use.



sospeso&charge

With the 10kW DC charger, your EV can easily be connected to your house or business.