



move&charge 3in1

The versatile multi charger

move&charge guarantees highest flexibility during operation. The multi-standard charger is mobile, requires no installation costs and is easily set up everywhere to operate on a common 400V AC-CEE connection. Due to its robust design, move&charge can be taken along to outdoor events without any obstacles, or flexibly operated in a workshop.

move&charge 3in1 supports DC-fastcharging standards CHAdeMO, as well as the Combined Charging System (CCS), and is also equipped with an AC type 2 mode 3 socket, for which matching charging cables can be ordered extra optionally.

move&charge is perfectly suited to be used in automotive retail (showrooms, repair shops, recovery services), in EV fleets, car rental companies, as a pilot unit on public gas stations, and everywhere else where a mobile and flexible solution with minimal installation costs is the key to success.

No installation costs

move&charge 3in1 is the combined CHAdeMO and CCS fastcharger. All that is needed for charging is a simple and common 32A CEE AC outlet. The operation of move&charge 3in1 is very cost-effective, quiet and fast. The charging power of 20kW DC allows fast and stable charging without the danger of local peak demands and saves money on the electricity bill.

just move, plug & play!

move&charge 3in1 is highly flexible. Thanks to its sturdy wheels the device can easily be brought to a designated position with low physical effort and is ready to use after just two simple steps (plugging in the power connection and the car).

sturdy & mobile
grid friendly
remote service
multi-standard



CCS
connector



CHAdeMO
connector



Type 2
socket (optional)





Fastcharging for Professionals

move&charge is a part of the proven and valued &charge 20kW DC fastcharger family of EVTEC. Of course the DC charger complies with the highest safety & quality standards and was specifically developed for the rough environment of outdoor-use (solid build, impact guard, IP 54 protection). As an example, the mobile fastcharger is a vital part of OEM's pre-series field testing. The operation is intuitive and user-friendly. move&charge is developed and produced by EVTEC in Switzerland.



- flexible use outdoors
- no costly power peaks
- remote diagnosis and maintenance
- charges with DC CHAdeMO & Combo 2 and AC type 2

EVTEC AG

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Technical Specifications			
Input AC	Grid connection	AC 3 - phase + N + PE	
	Input voltage range	400V _{AC} +/- 10%	
	Nominal input current	3 x 32A _{AC}	
	Input frequency	45 - 65Hz	
1 x AC Output	AC Socket	IEC 62196 Mode 3, Type 2	
	Nominale AC output power	22kW	
	Nominale AC output voltage	400V _{AC}	
	Nominale AC output current	3 x 32A _{AC}	
	Safety	- Residual current operated device - Overcurrent circuit breaker - Grounding monitoring	
2 x DC Output	DC Plugs	Plug 1 CCS	Plug 2 CHAdeMO
		 IEC 62196-3, 4m cabel	 JEVS G105, 4m cabel
	Maximum DC Output power	20kW	
	DC Output voltage range	170 - 940V _{DC} (under load: 50 - 940V _{DC})	
	Maximum DC Output current	50A _{DC}	
	Power factor (> 50% load)	> 0.99	
	Efficiency	93% at full load	
	Safety	- Short circuit protected - Overcurr. circuit breaker - Overvoltage protection	
		- Low-voltage protection - Insulation protection - Grounding protection	
General	Operating temperature	-20°C to +45°C	
	Storage temperature	-40°C to +85°C	
	Relative humidity	5% to 95% (without condensation)	
	Protection	IP 54 (indoor / outdoor use)	
	Trolley / Carry on wheels	Steel frame painted, rubber wheels	
Dimensions (D x W x H)	370 x 770 x 1060mm		
Mass	70kg		
Standards	Electrical safety (xFC1)	IEC 61851-1, IEC 62479	
	EMC	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 BMW, VW, GM) ISO 15118	
Options	Access / Payment systems	Smartphone Coin machine: CHF / EUR / others Token coin system	
	Authentication	RFID system	
	Remote management	OCPP 1.5, OCPP 1.6 (JSON / SOAP)	
	Collision protection	Satin stainless steel frame	
	Fixation	Steel constructions for foundation opi2020 Surface mounting kit	
	Adaptor	Adaptor cable Type 2 Socket - Type 1 Connector Adaptor cable Type 2 Socket - Tesla Roadster	
	Connectivity	Ethernet, GSM / GPRS / UMTS or Powerline	

the &chargefamily: www.andcharge.com



 **espresso&charge**
 Up to 150kW DC + 65kW AC charging for all vehicles. Charges up to four cars at the same time.



 **cappuccino&charge**
 Two times 25kW 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.