



# 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			
<b>Input AC</b>	Grid connection	AC 3 - phase + N + PE	
	Input voltage range	400V <sub>AC</sub> +/- 10%	
	Nominal input current	3 x 32A <sub>AC</sub>	
	Input frequency	45 - 65Hz	
<b>1 x AC Output</b>	AC Socket	IEC 62196 Mode 3, Type 2	
	Nominale AC output power	22kW	
	Nominale AC output voltage	400V <sub>AC</sub>	
	Nominale AC output current	3 x 32A <sub>AC</sub>	
	Safety	- Residual current operated device - Overcurrent circuit breaker - Grounding monitoring	
<b>2 x DC Output</b>	DC Plugs	Plug 1 CCS	Plug 2 CHAdeMO
		IEC 62196-3, 4m cable	JEVs G105, 4m cable
	Maximum DC Output power	20kW	
	DC Output voltage range	170 - 940V <sub>DC</sub> (under load: 50 - 940V <sub>DC</sub> )	
	Maximum DC Output current	50A <sub>DC</sub>	
	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	
<b>General</b>	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	
<b>Standards</b>	Mass	70kg	
	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)	
<b>Options</b>	Combined Charging System (CCS)	DIN 70121 (interoperability BMW, VW, GM) ISO 15118	
	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	
<b>Adaptor</b>	Fixation	Steel constructions for foundation opti2020 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](http://www.andcharge.com)



**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.