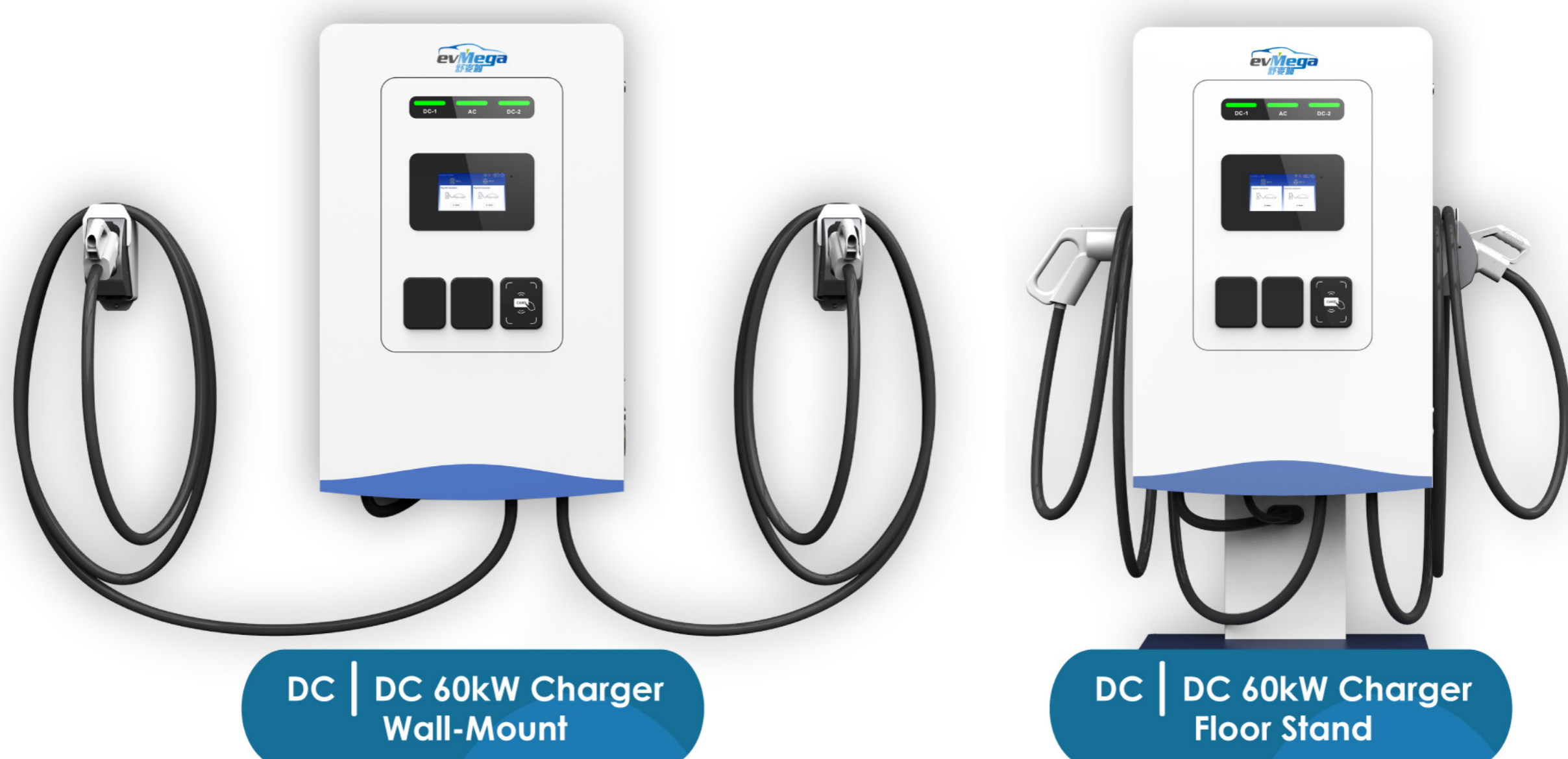


DC 60kW Charger (Wall-Mount)



DC | DC 60kW Charger Wall-Mount

DC | DC 60kW Charger Floor Stand



TÜVRheinland®

Main Features

- CCS1 or CCS2, CHAdeMO and GB/T configure support, optional AC Type 2 cable support
- IP55 design with high protection and high reliability for harsh environment
- Wall mounted, optional stand column installation
- EMC Class B, TUV CE and UL certification
- OCPP 1.6 J and DIN/ISO15118 support, OCPP 2.0 and ISO15118-20 support with the SW update
- Power can transfer between the two charging cables and can output at the same time for the two charging cables
- 60kW charging capacity, charging voltage from 150V to 1000V
- Optional 44kW V2G configuration, support CHAdeMO and CCS standard
- User friendly interface with tempered glass protective 7" TFT capacitive touch screen LCD
- Multiple charging modes: Auto basis, Time basis, Amount basis, Energy basis, SOC basis
- Multiple power distribution modes: Standalone, Current switch, Plug switch, Full hold
- Internal high precision AC energy meter and DC energy meter, optional VDE and PTB certification type
- LAN and optional LTE wireless support, OTA support, RFID authorization and App payment support

Specification (Max 60kW, 1000VDC, IP55)

Version:		DC 60kW Charger (Wall-Mount)
Model:		EM60K3
Input AC Parameters	AC Frequency	45-65Hz
	AC Voltage	3-phase+N+PE, 260Vac-530Vac
	Power Factor	>0.99
	Total Harmonic Current	<3% (Rated input)
Output Parameters	DC Voltage Accuracy	<±0.5%
	Output DC Voltage Range	DC 150V-1000V
	Max DC Output Current	60A/1000V, 80A/750V, 120A/500V, 200A/300V Each charging cable's max output current is 200A/CCS, 200A/GBT, 125A/CHAdeMO
	Max DC Output Power	60kW
	Max System Efficiency	>95% (Rated Input and Output)
	AC Charging*	AC Type 2, 22kW/32A, Type 2 connector
Working Environment	Ambient Temperature	-25 ~ +50°C , full power output below 45°C · Power derating 5%/°C above 45°C
	Storage Temperature	-40°C ~ +75°C
	Working Humidity	0 ~ 95%
	Working Altitude	2000 m
Standard	CCS PLC Communication	DIN70121 and ISO15118, ISO15118-20 support in SW update
	CHAdeMO	CHAdeMO V1.2, EVPOSSA, CHAdeMO V2.0 support in SW update
	GB/T	GB/T 18487.1-2015, GB/T 27930-2015, GB/T 20234.1~3-2015
	EMC/Safety	UL2202, CE, EN61000-6-3/EN61000-6-1 Class B; EN 61851-1/EN 61851-23/EN 61851-24
	Grid Connection/V2G	VDE-AR-N 4105, UL1741SA/SB, G99
	Protection Class	IP55/IK10
Functional Interface	HMI	Tempered glass protective 7" TFT Touch Screen LCD, RFID, Power(G) / Alarm(R) / 3*Charging(Y) panel LED
	Metering	2 DC energy meter, GB/T 50063-2008 and DL/T 5137-2008 standard, optional VDE and PDB certification type
	Communication Interface	OCPP 1.6J, LAN 10M/100M and optional inner LTE wireless modem support
	Charging Mode	Auto basis, Time basis, Amount basis, Energy basis, SOC basis
	Power Distribution	Stand alone, Current switch, Plug switch, Full hold
Mechanic	Dimension WxHxD (mm)	705 x 1100 x 240 (mm)
	Weight (kg)	150kg (include the power modules and with 3 guns configuration)
Charging Protection	Multi Protection	Overcurrent protection, Short circuit protection, Overvoltage protection, Undervoltage protection, Insulation monitoring, Protect Earth connect monitoring Reverse polarity protection, Overtemperature protection RCD-A main protection and RCD-B for AC connector protection
Configuration	Charger Module	2 charger power module slots, REG1K0100G2 1000V30kW, or V2G power module BEG1K075G 1000V22kW
	Charging Connector	2 CCS / 2 GBT / 1 CCS+1 CHAdeMO / 1 CCS+1 GBT, AC type2 cable
	Charging Connector Capacity	200A/1000V for CCS, 125A/500V for CHAdeMO, 200A/750V for GBT, 32A for AC Type2

*Optional