

EV CHARGING SOLUTIONS PROVIDER



get in charge

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DC 30kW Charger (Wall-Mount)



DC | DC 30kW Charger
Wall-Mount



TÜVRheinland®

🔌 Main Features

- CCS-1 or CC2-2 / CHAdeMO / GB/T / AC Type1 or 2
- Support OCPP1.6J
- IP54, ~30°C~50°C ambient temperature full power charging
- Wall mounted/Pole installation
- Compatible with 30kw/500V/750V, optional 1000V output
- Internal high precision AC energy meter
- Full safety function with output contactor and fuse, SPD, RCD, leakage switch, insulator detector, software logic for multi-protection
- 7" TFT touch screen LCD
- Multiple charging termination methods: Auto charge, Time setting, Fee setting, Energy setting, SOC setting
- Inner LAN/3G/4G wireless support, RFID authorization & Mobile App payment support*



DC | DC 30kW Charger
Floor Stand



Example: Hong Kong Jockey Club (Shatin)

Available to be installed on the wall
Suitable for Carpark with limited space

Specification (Max 30kW, 1000VDC, IP54)

Version:		DC 30kW Charger (Wall-Mount)
Model:		EXP30K1-FDW
Input AC Parameters	AC Frequency	45 - 65Hz
	AC Voltage	3-Phase +N+PE, 260Vac-530Vac
	Power Factor	>0.99
	Total Harmonic Current	<5%(Rated Input)
Output Parameters	DC Voltage Accuracy	<±0.5%
	DC Output Voltage Range	DC 150V-550V / DC 150V-750V / DC 150V-1000V*
	Current Sharing	<±3%
	Max System Efficiency	>94.5%
	Output Power Range	30kW (1 x 30kW Module)
Working Environment	Ambient Temperature	-30°C ~ +50°C, Full power output below 50°C, Power derating 5%/°C above 50°C
	Storage Temperature	-40°C ~ +75°C
	Working Humidity	0~95%
	Working Altitude	0~2000m
Standard	CCS PLC Communication	DIN70121 & ISO 15118
	CHAdeMO	JEVS G104
	GB/T	GB/T 18487.1-2015, GB/T 27930-2015, GB/T 20234.1~3-2015
	AC*	IEC 62196-2
	Safety	Compliant with CE, EN 61851-1:2019; EN 61851-23:2014; EN61851-24:2014
	EMC / Safety	EN 61000-6-3 & EN 61000-6-1 Class A
	Protection Class	IP54
Functional Interface	HMI	7" TFT Touch Screen, RFID, Power(G)/ Alarm(R)/ Charging(Y) Panel LED
	Metering	AC Energy Meter, GB/T 50063-2008 & DL/T 5137-2008 Standard
	Communication Interface	OCPP 1.6J, Wire or Wireless access function with 10M/100M ethernet, 3G/4G wireless router interface*
	Emergency Stop	E-stop to shutdown both AC input & DC output at same time
	Charging & Billing Modes	Auto Full Charge, Charge Time, Amount, Charge Energy, Charge end SOC
	Installation	Wall-Mounted or Stand Column
Mechanic	Dimension WxHxD (mm)	610 x 610 x 270 (mm), 610 x 950 x 270 (mm) with AC
	Weight (kg)	81kg (+21kg for AC)
Charging Protection	Multi Protection	Overcurrent Protection, Short Circuit Protection, Overvoltage Protection, Undervoltage Protection, Insulation Monitoring, Ground Monitoring, Reserve Polarity Protection, Overtemperature Protection
Configuration	Charging Connector	2 CCS-1 or CCS-2 / CHAdeMO / 1 AC Type 1 or 2

*Optional