



Smart solutions for a **sustainable** world

120kW CHARGER



120 kW EV-CHARGER



» High efficiency

- A battery charger with two outputs that charge simultaneously
- Two CCS2 DC connectors with output up to 120 kW
- Constant power from 300 to 1000 voltage, less heat with lower current

» Smart

- Ethernet and Wi-Fi communication supported, 4G optional
- Smart control via App

» Flexible option

- Operation by App/RFID Authentication/Plug&Play
- High protection rating of IP54

» Safe and secure

- Type-A RCD for residual current protection
- MID-certified AC meter
- ISO 15118 prepared for advanced Plug & Play operation



120 kW

EV-CHARGER



Technical data		ZVD-60K-POWER/P ZVD-60K-POWER/D
AC Input data		
Type of connection	Three-phase (3PH + Neutral + PE)	
AC input voltage	400V +/- 10%	
Rated AC input current	190A	
AC input frequency	50/60Hz	
Power factor	>0.99% (from 50% to 100% power)	
THD	<5% (at 100% power)	
DC Output data		
DC output voltage	200-500V (CHAdeMo) 200-1000V (CCS2)	
Maximum DC output current	125A (CHAdeMo) 200A (CCS2)	
Maximum power	60kW (CHAdeMo) 120kW (CCS2)	
General data		
Charging connectors	1x CHAdeMO, 1x CCS2 (ZVD-120k-POWER-D) 2x CCS2 (ZVD-120k-POWER-P)	
Cable length	5m	
Installation	On concrete platform	
LCD screen	LCD touch-screen display 10.1"	
Charging start	RFID Card, APP, Plug-In	
Energy Meter	MID certified	
RCD protection	TypeA + 6mA DC	
Protection rating	IP54 (ambient) IK07 (impact)	
Cooling	Internal fans on modules	
Emergency stop	Yes	
Communication	Wi-Fi, Ethernet	
Protocol	OCPP 1.6 JSON (possible upgrade to JSON 2.0)	
Maximum conversion efficiency	95%	
Environmental Data		
Operating temperature	-30°C / +50°C	
Humidity	5% / 95% non-condensing	
Maximum altitude	2000mt	
Installation	Indoor / Outdoor	
Safety protections		
Integrated protections	under voltage, power overload, short circuit, dispersion currents, missing ground connection, surge, over and under temperature	
Applicable safety standards	IEC 61851-1: 2019, EN 61851-23:2014, EN 61851-24:2014	
Warranty	2 years	
Dimensions and accessory parts		
Dimensions (H × L × D)	1830mm × 750mm × 525mm	
Dimensions of wooden crate (H × W × D)	2020mm × 1020mm × 750mm	
Weight	228 kg	
Weight including wooden crate	268,5 kg	



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