

# 60KW & 120KW

## EV-Charger



### » High efficiency

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

### » Smart

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

### » Flexible option

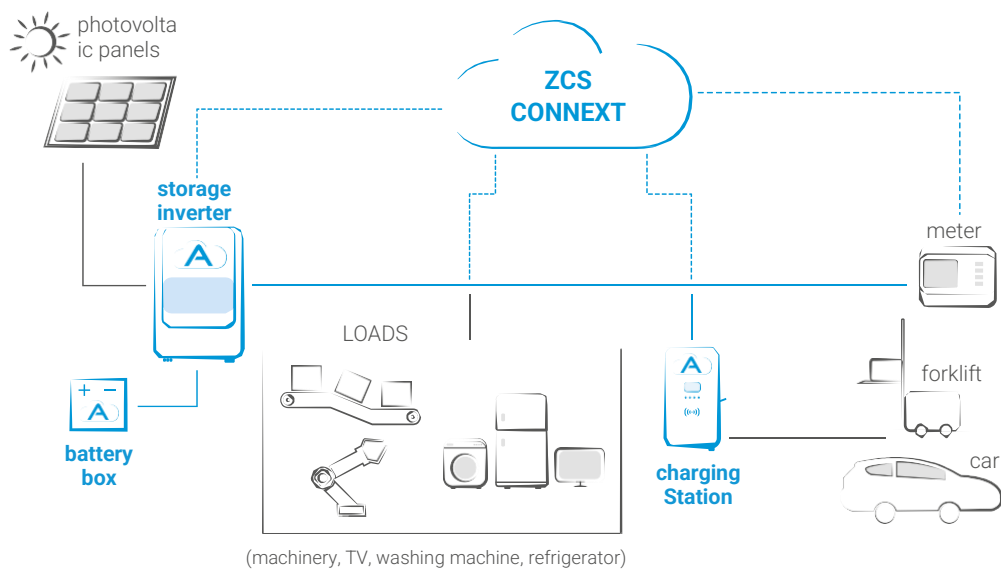
- Operation by App/RFID Authentication/Plug&Play
- High protection rating of IP54

### » Safe and secure

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



## DOMESTIC AND COMMERCIAL USE



Technical data	ZVD-60K-POWER/P ZVD-60K-POWER/D	ZVD-120K-POWER/P ZVD-120K-POWER/D
<b>AC Input data</b>		
Type of connection	Three-phase (3PH + Neutral + PE)	
AC input voltage	400V +/- 10%	
Rated AC input current	96A	190A
AC input frequency	50/60Hz	
Power factor	> 0.99% (from 50% to 100% power)	> 0.99% (from 50% to 100% power)
THD	<5% (at 100% power)	<5% (at 100% power)
<b>DC output data</b>		
DC output voltage	200-500V (CHAdeMo) 200-1000V (CCS2)	
Maximum DC output current	125A (CHAdeMo) 300A (CCS2)	
Maximum power	60kW	60kW (CHAdeMo) 120kW (CCS2)
<b>General data</b>		
Charging connectors	1x CHAdeMO, 1x CCS2 (ZVD-60k-POWER-D) 2 x CCS2 (ZVD-60k-POWER-P)	1x CHAdeMO, 1x CCS2 (ZVD-120k-POWER-D) 2 x CCS2 (ZVD-120k-POWER-P)
Cable length	5m	
Installation	On concrete platform	
LCD screen	10.1" LCD touch-screen display	
Charging start	RFID Card, APP, Plug-In	
Energy Meter	MID Certificate	
RCD protection	TypeA + 6mA	
Protection rating	IP54 (ambient) IK10 (without screen)	
Cooling	Internal fans on modules	
Emergency stop	Yes	
Communication	Wi-Fi, Ethernet, 4G	
Connectivity	OCPP 1.6 JSON	
Maximum conversion efficiency	95%	
<b>Environmental Data</b>		
Operating temperature	-30°C / +50°C	
Humidity	5% / 95% non-condensing	
Maximum operating altitude	2000m	
Installation	Indoor / Outdoor	
<b>Safety protections</b>		
Integrated protections	Under voltage, Power overload, Short circuit, Dispersion currents, Missing ground connection, Surge, Over and under temperature	Over and 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	
<b>Dimensions and accessory parts</b>		
Dimensions (H x W x D)	1830mm x 750mm x 525mm	
Dimensions of wooden crate (H x W x D)	2020mm x 1020mm x 750mm	
Weight	228 kg	
Weight including wooden crate	268.5 kg	