



Smart solutions for a **sustainable** world

# 60kW CHARGER



# 60kW EV-CHARGER



## » High efficiency

- A battery charger with two outputs that charge simultaneously
- Two CCS2 DC connectors with output up to 60 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



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	96A	
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	
General data		
Charging connectors	1x CHAdeMO, 1x CCS2 (ZVD-60k-POWER-D) 2x CCS2 (ZVD-60k-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 x L 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	



[zcsazzurro.com](http://zcsazzurro.com)

1<sup>st</sup> ED. 2024-01

**Zucchetti Centro Sistemi S.p.A.**  
**Green Innovation Division**

Palazzo dell'Innovazione - Via Lungarno, 167  
52028 Terranuova Bracciolini - Arezzo, Italy  
tel. +39 055 - 91971 - fax. +39 055 - 9197515  
[innovation@zcscompany.com](mailto:innovation@zcscompany.com) - [zcscompany.com](http://zcscompany.com)



**ZUCCHETTI**  
Centro Sistemi

