

# ZGR EVC-DC

## STAND-ALONE CHARGERS BETWEEN 30 KW AND 400 KW

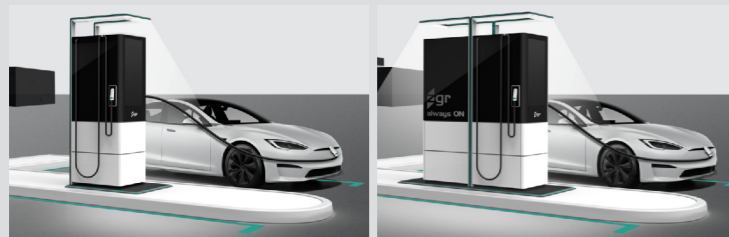
Fast and ultra-fast charging suitable for any modern electric vehicle

ZGR EVC-DC is the range of compact chargers that combine a differential aesthetic and robustness with the latest technology and efficiency. They can charge electric vehicles at the highest speeds, and adapt as required throughout the charging process.

With lighting that indicates the charger status and a control interface for intuitive management and a satisfactory experience for the user throughout the charging process.

Minimal and straightforward maintenance, the design having prioritised accessibility as well as the durability of all its components.

ZGR EVC-DC is the best solution for the installation of charging points in en route service stations, Industryl vehicle fleets, shopping centres, car parks, etc.



### Characteristics

- Automatic fast charge
- Operates over a wide range of temperature and humidity
- Weatherproof and anti-vandal
- Fast response to the required charging settings
- Connectors:
  - Modulable: extendable power + redundancy
  - Status information by light signal
  - Remote monitoring through Web Server
  - OCPP communication standard
  - Optional screen
  - AC and DC protection devices



TECHNICAL SPECIFICATIONS		
Model	ZGR EVC-DC-F	ZGR EVC-DC-UF
<b>ELECTRICAL OUTPUT CHARACTERISTICS DC</b>		
DC Voltage range	150 ~ 1000 Vdc	
Maximum power	From 30 to 60 kW	From 90 to 390 kW
Connectors	Single	Double
	CCS1 / CCS2 / CHAdeMO (5 m cable length)	
Maximum current	165 A	1072 A
<b>ELECTRICAL INPUT CHARACTERISTICS AC</b>		
Rated AC voltage	400 (3P + N + PE) ± 10%	
Rated AC power	53 kVA	344 kVA
Power factor	> 0.99	
Frequency range	47 ~ 62 Hz	
Efficiency	> 95 %	
<b>GENERAL CHARACTERISTICS</b>		
User interface	LED / 24" display (optional)	
Communication protocol	OCPP 2.0	
Connections	MODBUS TCP / Ethernet / 4G / 5G / WLAN	
Cooling	Forced ventilation	
Operating temperature	-30°C ~ +50°C	
Protection rating	IP55 (IK10)	
Corrosion class	C5M	
Maximum altitude	2000 msl	
Humidity	4 ~ 95 %	
Dimensions (height / width / depth)	2000 x 800 x 500 mm	2000 x 800 x 900 mm
Approx weight	363 kg	1088 kg
<b>COMPLIANCE WITH REGULATIONS</b>		
Standards and directives	EC marking IEC 61851-1, IEC 61851-22, IEC 61851-23 IEC 62196-1, IEC 62196-2, IEC 62196-3 2014/35/EU, 2014/30/EU	



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