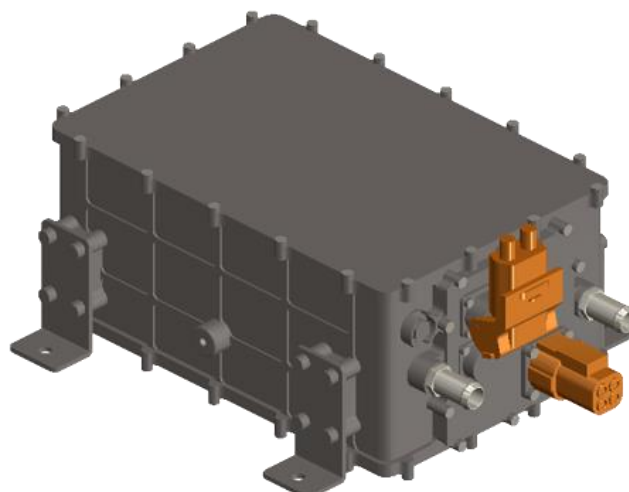


ENXXOBC022KW

22kW onboard charger



Product information:

The onboard charger is used to convert alternating current, which is sourced from a direct current installation, and deliver it to the electric vehicle battery. This charger enables the vehicle to be charged with three-phase alternating current at a power rating of 22kW. It complies with the EN 55022 and Gb/T 18655-2010 standards and holds an IP67 security rating. It is also compliant with European and American standards.

Functionalities:

- Output power 22kW
- Estimated operation time 20 years or 200 000 km
- IP67 security class
- CAN2.0 communication method
- EN 55022, GB/T 18655-2010 standards

Technical specification:

Parameter		Value
Input voltage	VAC	3-fazowe 304 – 456 ± 1% (1-fazowe 176 – 264)
Output voltage	VDC	200 – 470 ± 1%
Output power	kW	3-fazowa - 22 (1-fazowa - 6,6)
Maximum input current	A	3-fazowy 64 ± 3% (1-fazowy 20 ± 3%)
Maximum output current	A	60 for 3-fazowego (20 for 1-fazowego) ±3%
Efficiency	%	> 95
Power voltage	VDC	9-32
Start signal	mA	200
Liquid inlet temperature	°C	≤ 65
Liquid flow	L/min	≥ 12
Estimated operation time	-	20 years or 200 000 km
Relative air humidity	%	5 – 95 (without condensation)
Operating temperature	°C	-40 ~ +85
Optimal operating temperature	°C	25
Storage temperature	°C	-40 ~ +105
Operation height	-	2000m a. s. l. (or lowered param. operation)

Insulation resistance	Resistance between every independent circuit point and the charger housing is no lower than 20MΩ.	
Standards	EN 55022, GB/T 18655 - 2010	
Interface	CC, CP, CC Out, European standard, American standard	
Communication method	CAN 2.0	
Security level	IP67	
Protections	Short-circuit, overvoltage, undervoltage, thermal	
Dimensions	mm	418 x 266 x 167
Weight	kg	15
Diameter of the water tap	mm	20
Cooling method	-	Liquid cooling
Cooling liquid	-	50% water + 50% ethylene glycol

* the manufacturer reserves the right to make changes to the parameters and appearance of the product