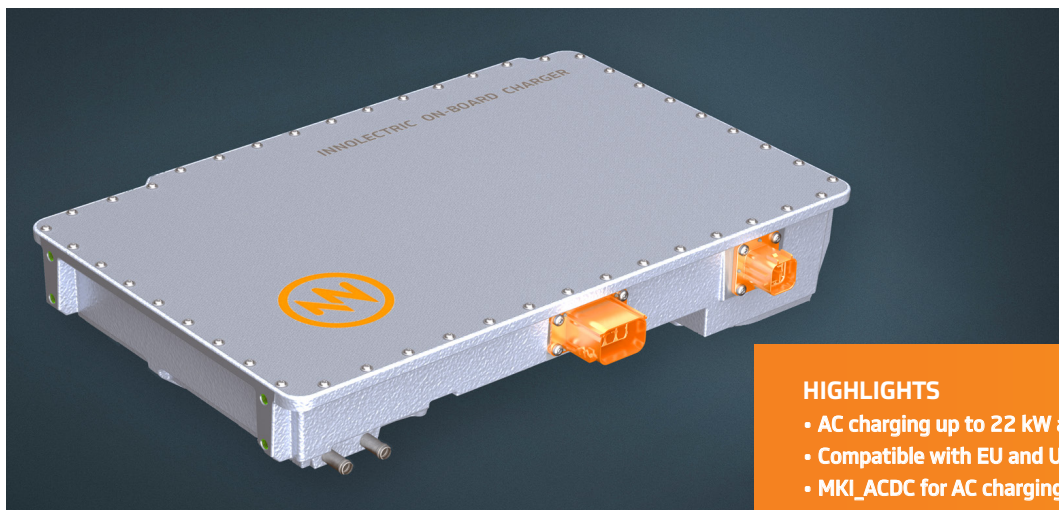


MKI_ACDC platform

AC charging in direct grid connection



HIGHLIGHTS

- AC charging up to 22 kW and up to 96 % efficiency
- Compatible with EU and US grid topologies
- MKI_ACDC for AC charging in direct grid connection
- Easy integration into an existing infrastructure without high integration effort

With the MKI_ACDC platform, users get a power electronic version for AC charging that can be applied in direct grid connection. The MKI_ACDC can be used without any automotive charging communication and is particularly suitable for the industrial environment.

Fields of application



Heavy Duty and Construction



Municipal vehicles



Equipment electrification



Marine applications

Technical data of the MKI_ACDC

Product name	MKI_ACDC22400	MKI_ACDC22800
Component design	400 V	800 V
Input power	22 kW	
Input voltage (3~ AC)	400 V (+/- 10 %)	
Input voltage (1~ AC)	120 - 240 V (+ 10 / - 14 %)	
Input current (AC)	32 A (per phase)	
Frequency	50 - 60 Hz (+ / - 1 %)	
Efficiency (2-22 kW)	> 94 %	
Efficiency (2-10 kW)	> 96 %	
Output voltage	220 - 510 V	400 - 850 V
Output current	up to 65 A	up to 45 A
Interfaces	1 x CAN J1939 / 1 x Service CAN	
Protection class	IP 6K9K	
Dimensions (L x W x H)	610 x 391 x 120 mm	
Weight	< 30 kg	
	-40 - +65 °C	

Customer benefits

- Upgradeable software architecture in all MKI_ACDC variants
- Intrinsic safety with relation to voltage, current, temperature and discharge
- LV wide range input (9 V and 32 V)

All provided information without guarantee.

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