

BMZ ON-BOARD CHARGER

For Electric Vehicles



E-MOBILITY



DRIVE
SYSTEMS



ENERGY STORAGE
SYSTEMS



POWER- AND
GARDENTOOLS



INDUSTRIAL



MEDICAL

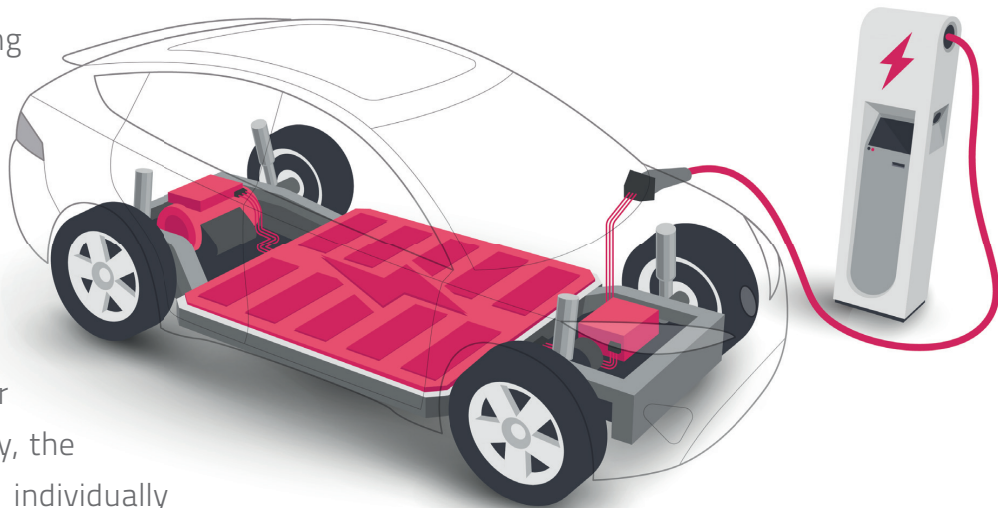
BMZ GROUP

Your Partner For Chargers

INTELLIGENT CHARGING WITH BMZ CHARGERS

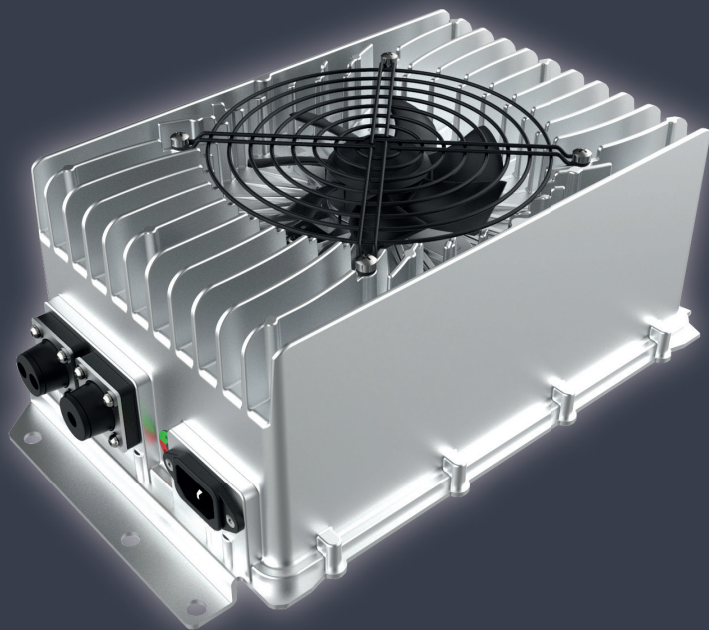
On-board chargers (OBCs) are elementary vehicle components for the charging process of the vehicle battery in electric vehicles. On-board chargers authenticate the electric car at the charging station. They convert the alternating current from the charging station into direct current and provide communication between the vehicle and charging station. As a system supplier to the electromobility industry, the BMZ Group develops not only individually

designed batteries for various vehicles, the BMZ Group also develops exactly the right OBC solutions.



TECHNICAL DETAILS

DETAILS	3.0 KW ON-BOARD CHARGER	1.35 KW ON-BOARD CHARGER
Status (A/B/C/SOP)	C (SOP in Q1 2022)	C (SOP in Q1 2022)
Charger Configuration	3.0 KW OBC Charger	1.35 KW OBC Charger
Application	Electric Vehicles	Electric Vehicles
Nominal Energy (main output)	2.73 kWh	1.35 kWh
Input Voltage Range (V)	150~264	150~264
Input Current Range (A)	≤16	≤16
Output Voltage Range (V)	54.6 (Standard value: 48)	54.6 (Standard value: 48)
Output Current Range (A)	50	25
Maximum Output Power Of Main Output (W)	2730	1350
Overall Efficiency	≥92.5%	≥92.5%
Dimensions (LxWxH) in mm	315x198x114	335x192x101.5
Noise	≤45dB	≤45dB
Working Temperature	0°C - 65°C	0°C - 65°C
Storage Temperature	-40°C - 95°C	-40°C - 95°C
Protection Level	IP67	IP67
Weight	<7.0 kg	3.6 kg



FAST.
RELIABLE.
INTELLIGENT.
THE FUTURE.



Any questions?

Contact us, we will be pleased to advise you.



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