

Successful on Rails

SMA Railway Technology GmbH designs and develops power electronic components and systems – specifically for on-board applications in the field of long- as well as short-distance traffic.

The products range from stand-alone components to train-wide auxiliary power supplies and diagnosis systems – for long-distances coaches as well as multiple units. Cutting edge technology together with proven robustness ensure the highest possible reliability.

More than 4,000 vehicles are equipped with SMA's static converters. As approved supplier of major European railway operators SMA meets the highest quality standards.


We will provide more detailed information upon request – look and see!



Long-distance traffic

Modular static converter **MEE-NT^{LD}**: proven multi-voltage static converter used Europe-wide; low weight, small and modular.

Reference: CNL AG



Short-distance traffic

Modular static converter **MEE-NT^{SD}**: customized static converter for short-distance applications; very low weight, small and modular; available with active redundancy.

Reference: Alstom LHB



Stand-alone converter

Inverters or battery chargers as stand-alone converter or for integration in sub-systems.



Custom-tailored power electronics

Customized solutions for special on-board applications for new vehicles as well as refurbishments.

Reference: Heinz Treber



Everything under one Roof



Innovative Static Converters
for Rolling Stock

Technology

Sophisticated, technologically leading static converters (or auxiliary power supplies) for rolling stock provide outstanding solutions for any type of rolling stock.

Reliability

Since 1988, SMA's static converters have proven their reliability in everyday revenue service worldwide.

Quality

Static converters are completely manufactured at SMA: we provide everything under one roof, from assembly of the boards to the final converter assembly and testing. This is the only possibility to provide outstanding quality together with high flexibility.

Service

We provide the development, planning, manufacture and service of complete on-board auxiliary power supply solutions. We support you in vehicle planning as well. Our experienced employees stand always by your side.

SMA worldwide

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Technology for Tomorrow