



DE DEMKE
ELECTRONIC

Power Supplies · Industrial Electronics

«Hardcore DC-Power Supplies»





CUSTOMIZABLE FOR YOUR APPLICATION

PCB- and wall mounted DC/DC-converters for highest expectations from 1 to 1000 Watt output power. Our array includes galvanically isolated, function isolated and non-isolated converters for industrial appliances with ultra wide DC input voltage range.

Our DC converters are developed to the highest quality standards in Switzerland and produced in Germany. State of the art materials and components, as well as the careful and solid processing of all components form the basis of quality production.

DEVELOPMENT AND PRODUCTION SITES



Demke Electronic GmbH

- Development
- Research
- Prototyping
- Manufacturing of special series
- Manufacturing of small and large series
- Quality management
- Customer support
- Sales
- Since 2008

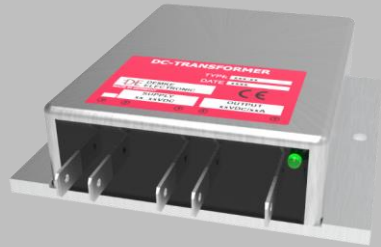
Demke Electronic GmbH
Sirnacherstrasse 1, 9500 Wil SG
Switzerland



Elotec Fischer Elektronik GmbH

- Device manufacturing
- Testing
- Potting
- ISO 9001:2015
- 300 Employees
- Since 1996
- 20 Years of cooperation

PRODUCT SERIES



100 SERIES

DC/DC Buck Converter

Galvanically non-isolated
 Vin: 4 VDC - 250 VDC
 Vout: 0.8 VDC – 50 VDC
 Max. Power: 400W



200 SERIES

DC/DC Buck Boost Converter

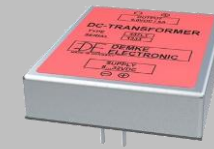
Galvanically non-isolated
 Vin: 9 VDC - 90 VDC
 Vout: 24 VDC - 75 VDC
 Max. Power: 400W



300 SERIES

DC/DC Buck Boost Converter Isolated

Galvanically Isolated
 Vin: 7 VDC - 250 VDC
 Vout: -15 VDC - +200 VDC
 Max. Power: 200W



400 SERIES

DC/DC PCB Mount Isolated

Galvanically Isolated
 Vin: 8 VDC - 80 VDC
 Vout: 2.5 VDC - 48 VDC
 Max. Power: 50W

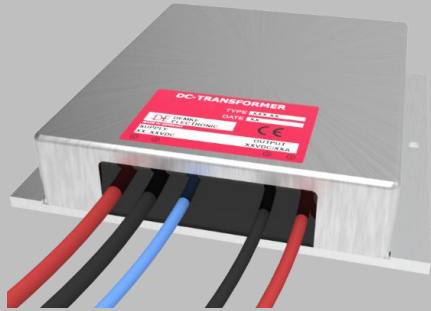
Applications

Battery Powered Systems / Ultra- and Supercapacitor Systems / Automotive Applications / Construction Machines / Railway Applications / E-Mobility

Applications

Universally applicable no battery charging in short circuit

NEW SERIES – MORE POWER



100 SERIES

DC/DC Buck Converter

Galvanically non-isolated

Vin: 16 VDC - 250 VDC

Vout: 13.8 VDC – 25.0 VDC

Max. Power: 800 W



200 SERIES

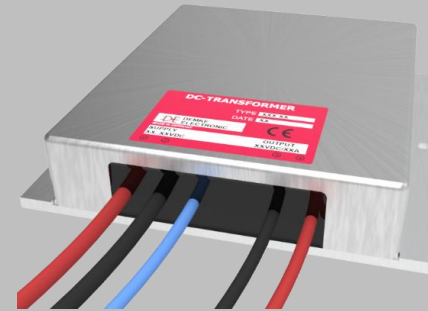
DC/DC Buck Boost Converter

Galvanically non-isolated

Vin: 5 VDC - 95 VDC

Vout: 12 VDC - 48 VDC

Max. Power: 800 W



700 SERIES

DC/DC Buck Boost Converter Isolated

Galvanically Isolated

Vin: 10 VDC - 250 VDC

Vout: 12 VDC - 80 VDC

Max. Power: 800W



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HIGH POWER MODULES

100, 200 and 700
SERIES overview

Applications

Battery Powered Systems / Ultra- and Supercapacitor Systems / Automotive Applications / Construction Machines / Railway Applications / E-Mobility

CUSTOMIZED SOLUTIONS

DC-MASTER TRANSFORMER

The configurable DC/DC converter for
your application

- Buck
- Buck Boost
- Isolated Buck Boost

Inform us about your requirements

- DC/DC Converter isolated (yes/no)
- Input voltage range (VDC)
- Output voltage (VDC)
- Max. output current (ADC) or max. output power (Watt)
- Your specific application

TAILOR MADE FOR
YOUR APPLICATION



APPLICATIONS

WIND POWER PLANTS



BATTERY-POWERED SYSTEMS



RAILWAY



CABLEWAYS



E-MOBILITY



FORKLIFTS TRUCKS



WAREHOUSING



AVIATION



**With Demke you choose:
More Performance, Less Trouble!**