

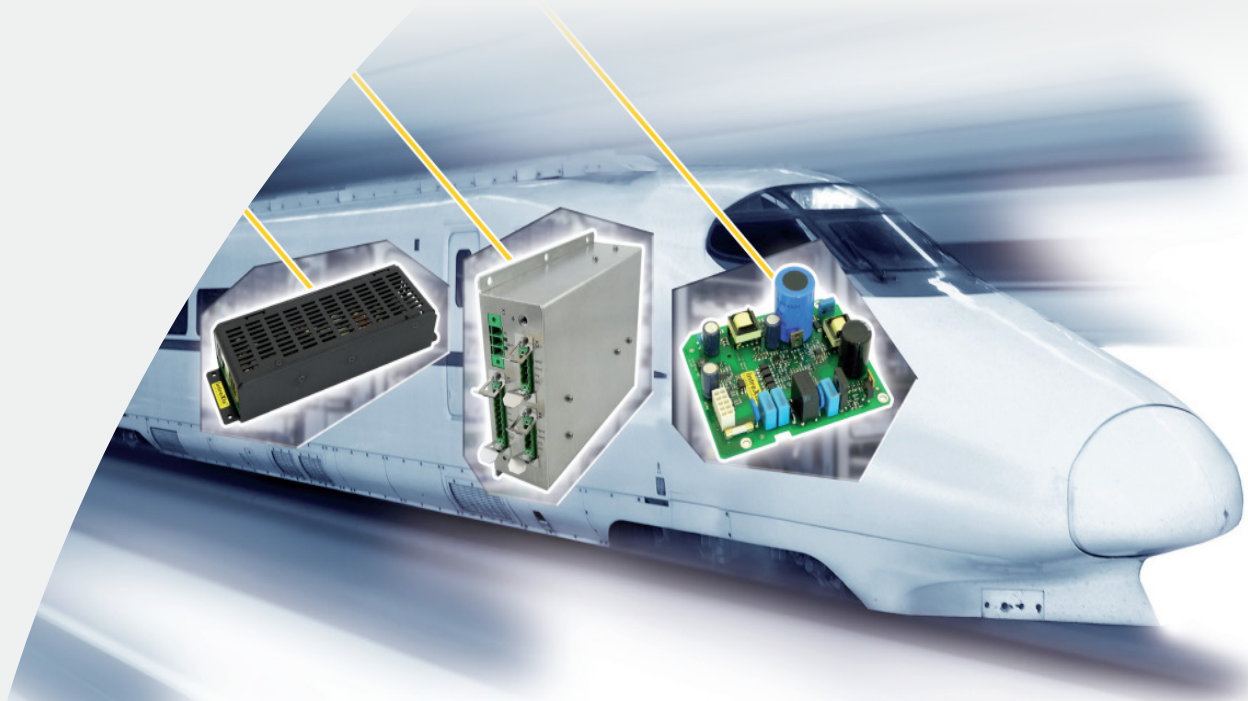


Featured Supplier

**intreXis**<sup>®</sup>  
POWER SUPPLIES

intreXis Power Supplies boasts a comprehensive portfolio of advanced Power Supplies for transportation and medical applications. Ranging from 10W up to 1000W output power, intreXis Railway Power Supplies are widely used; from control and rail automation systems to video surveillance systems, communications systems, e-ticketing systems, and passenger information systems. Whats more, intreXis AG is one of the world's leading providers for Power Supplies used in high-capacity applications worldwide

*DC/DC Converters for  
the rail industry*





## High Demanding Power Supplies:

- Extended temperature range
- Highest reliability
- Special thermal management
- Ultra-wide input voltage range
- Railway-, medical- or military-standards

## intreXis - Power supplies with the X

- Xtra high efficiency
- Xtra wide input voltage range
- Xtra wide temperature range
- Xtra small and tight
- Xtra robust and reliable range

## DC-DC Converter 500W IC302

**intreXis<sup>®</sup>**  
POWER SUPPLIES

**intreXis IC 302**

Competitor D	intreXis IC 302	Competitor P
<b>Input Voltage Range:</b> 56 - 154 VDC	<b>Input Voltage Range:</b> 14.4 - 154 VDC	<b>Input Voltage Range:</b> 66 - 144 VDC
<b>Temperature Range:</b> -40 - +75°C	<b>Temperature Range:</b> -40 - +85°C	<b>Temperature Range:</b> -40 - +55°C
<b>Volume:</b> 2616 cm <sup>3</sup>	<b>Volume:</b> 2425 cm <sup>3</sup>	<b>Volume:</b> 2623 cm <sup>3</sup>
<b>Output Power:</b> 500 W	<b>Output Power:</b> 500 W	<b>Output Power:</b> 500 W
<b>Efficiency:</b> 92 %	<b>Efficiency:</b> 96.2 %	<b>Efficiency:</b> 91 %

The intreXis Boardnet Converter Platform is a new definition of high-performance DC-DC converters in the 500W class. With its ultra-wide input voltage range of 14.4VDC-154VDC, 500W power and 96% efficiency, the new intreXis converter generation sets a new benchmark for DC-DC converters.

## Standard DC/DC Converter for Railway-Application

- Ultra Wide input (>10:1), super flat 50 W dc/dc converter
- Ultra Wide input (>10:1), 75 W dc/dc converter
- Ultra Wide input (>10:1), 150 W single & dual output dc/dc converter
- Wide input, 200Wcont, 240Wpeak dc/dc converter
- Ultra wide (>10:1) input, 300W dc/dc converter
- Ultra wide (>10:1) input, 500W dc/dc converter
- Standard input, 480 W dc/dc converter, without galvanic isolation



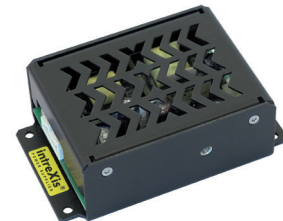
## DC/DC Converters 750VDC input

IntreXis AG has designed a new and innovative flat battery start unit which is powered by the contact-line. The design of the converter is based on an innovative concept with SiliconCarbide Schottky-diodes (SiC).



## DC/DC Converter with > 10:1 input voltage range

These converters are designed according to EN 50155 and EN 45545 for railway applications and are ideal for other demanding environments which require the highest performance and reliability.



## AC/DC & DC/DC Custom & Retrofit

All intreXis power supplies are ideally matched to the requirements of our customers. We are pleased to develop the optimum power supply for your application.

### Old solution

- Outdated design
- Low efficiency
- High-profile and heavy
- Old components
- Low reliability

### New intreXis solution

- Highest reliability
- Highest efficiency
- Lower profile, lower weight
- Up-to-date components

Old

New



# Co-creation starts here



ELECTRONIC COMPONENT SOLUTIONS
WIRELESS & NETWORKING
DISPLAY & TOUCH
LED & SOLID STATE LIGHTING
EMBEDDED COMPUTING
POWER & EMC

- Semiconductors
- Passives
- Electromechanical
- Photonics

- Wireless Modules
- Wireless Boxed
- Networking & Connectivity

- Display
- Touch

- Led
- Solid State Lighting

- SBC, CPU & IPC
- Memory Storage
- Rugged Mobile Computing

- Power Conversion
- EMC

## Alcom Belgium Alcom Netherlands



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