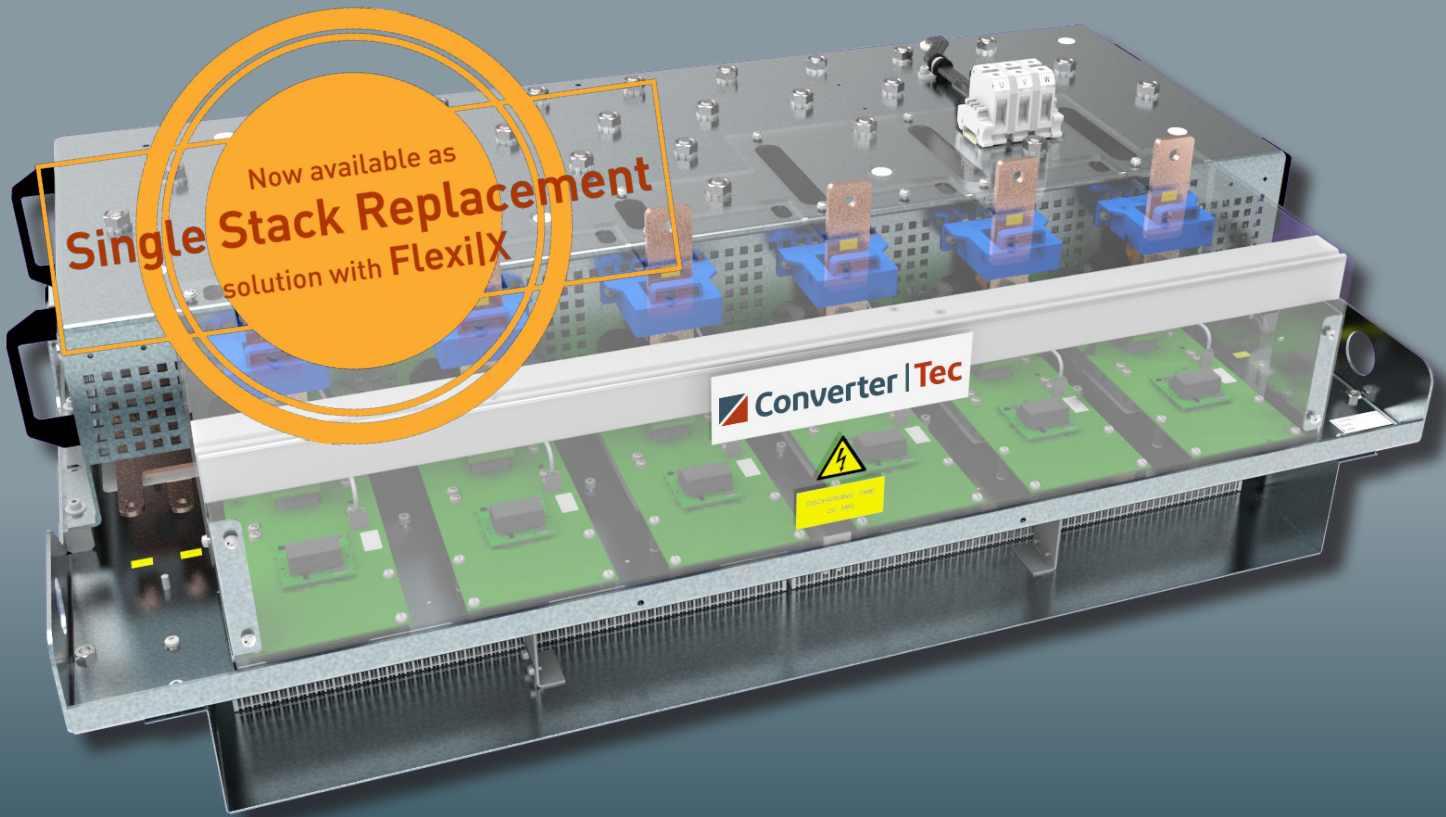


Service Stack



ONE SOLUTION FITS ALL

- Universal solution to service RAC 3xx and ModSTACK™ systems
- Reduces storage costs by universal stack design
- Application specific communication boards
- Optional Parallel Board for Master functionality



IMPROVED TROUBLESHOOTING

- Operation status at a glance by LED indicator
- Defined LED error codes to support troubleshooting without additional tools
- Sporadic errors are logged per IGBT



REDUCED SERVICE COSTS

- **Single Stack exchange in combination with FlexiIX**
- Reduced product price
- Reduced lifecycle cost by defined on-site exchange components
- Improved shelf life using film capacitors
- Improved turn-around time for Repairs



IMPROVED PERFORMANCE

- State-of-the-art IGBT technology
- ConverterTec IGBT driver boards
- Higher system stability
- up to 1.500 € higher earning per year*
- Extended temperature range due to optimized cooling concept
- Symmetry Supervision

DISCOVER THE LATEST GENERATION OF IGBT TECHNOLOGY, FLEXIBILITY AND BENEFIT FROM SIGNIFICANTLY IMPROVED PERFORMANCE AND SAVINGS.

The cutting-edge retrofit solution is available for RAC 3xx as well as ModSTACK™ installed in CONCYCLE® converter systems. Numerous benefits like **One-fits-All Purpose Stack**, reduced service costs, simplified troubleshooting, optimized operating characteristics, a **service friendly** composition and long term provision of spare parts are only a few improvements based on our long-lasting experience.

And in addition:

The ConverterTec Service Stack is available as Single Stack Replacement Solution in combination with FlexiIX! Replace only your defective IGBT stack and leverage all benefits. Get your **system future proof** and unleash the potential of **flexible usage** in different applications.

*Due to higher efficiency of approx. 1%-pt. and based on a 2.5MW system and a capacity factor of 0.4

ConverterTec

At a Glance



ConverterTec's brand **CONCYCLE®** stands for excellent quality in both technical design and aftermarket support. Our technology has made a significant contribution to the success of wind turbines in the megawatt class.

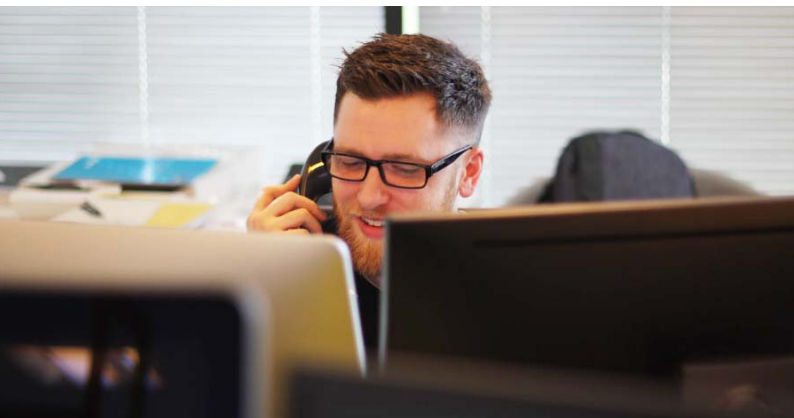
Founded in 1969 as SEG in Krefeld, Germany - grown under Woodward for more than 10 years - **ConverterTec** is a worldwide specialist for the conversion of electrical energy. Since 1995, **CONCYCLE®** frequency inverters have been used in variable-speed ship applications, uninterruptible power supplies and in upcoming wind and solar / PV applications.

ConverterTec is a globally acting company with strong expertise in power electronics and electrical cabinet construction. Based on our extensive know-how we offer technical support, field service, spare parts, comprehensive service products and customized solutions for power electronics and subsystems within the wind industry.

We continuously invest in the development of Service Products, Service Solutions and technical upgrades to improve and secure the operation of your wind turbines for 20 years and beyond.

By choosing **ConverterTec's** **CONCYCLE®** Genuine Spare Parts, you not only benefit from our decades of in-house expertise in IGBT and control technology, you can also be certain that the converter system remains in compliance with existing grid code certifications. In addition we offer the possibility to:

- Get 24 / 7 on-call system support worldwide including public holidays
- Spare part dispatching within 24 hours from different **ConverterTec** warehouses
- Have **ConverterTec** Service Engineers ready to travel within 24 hours
- Join the ConverterTec **CONCYCLE®** Rapid Exchange Program



 **Converter | Tec**

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