

WOODWARD 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

- 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
- Woodward IGBT driver boards
- Higher system stability, optimized component selection
- 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 now available for RAC 3xx as well as ModSTACK™ installed in Woodward CONCYCLE®. Numerous benefits like One-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 Woodward Service Stack is available at a much more attractive price. Replace your existing installed IGBT technology with the latest generation to leverage all benefits, get your system future proof and unleash the potential of flexible usage in different applications.

YOUR SERVICE-PACKAGE



Support



Contracts &
Training



Products



Digital
Solutions

Woodward has been actively shaping the wind energy industry for more than 20 years. The brand CONCYCLE® stands for excellent quality in both technical design and aftermarket support. Woodward's technology has made a significant contribution to the success of wind turbines in the megawatt class.

We continuously invest in both the development of new converter systems as well as in aftermarket products to improve and secure the operation of your wind turbines for 20 years and beyond.

By choosing Woodward'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 customers also have the possibility to:

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



Woodward Kempen GmbH

Krefelder Weg 47
D-47906 Kempen
Germany

phone: +49 (0) 21 52 14 51
fax: +49 (0) 21 52 14 52 00

Woodward RPS Aftermarket locations worldwide:

Woodward Kempen, Germany:	+49 (0) 21 52 145 397 / 398
Woodward Sofia, Bulgaria:	+359 (0) 2 4188 855 / 857
Woodward Madrid, Spain:	+34 (0) 917 109 346
Woodward Tianjin, China:	+86 (0) 22 2630 8828 52261
Woodward Pune, India:	+91 (0) 20 6724 0232
Woodward Makuhari, Japan:	+81 (0) 43 213 2192
Woodward Fort Collins, USA:	+1 (0) 970 214 1010
Woodward Campinas, Brazil:	+55 (0) 19 3708 4721

www.woodward.com