

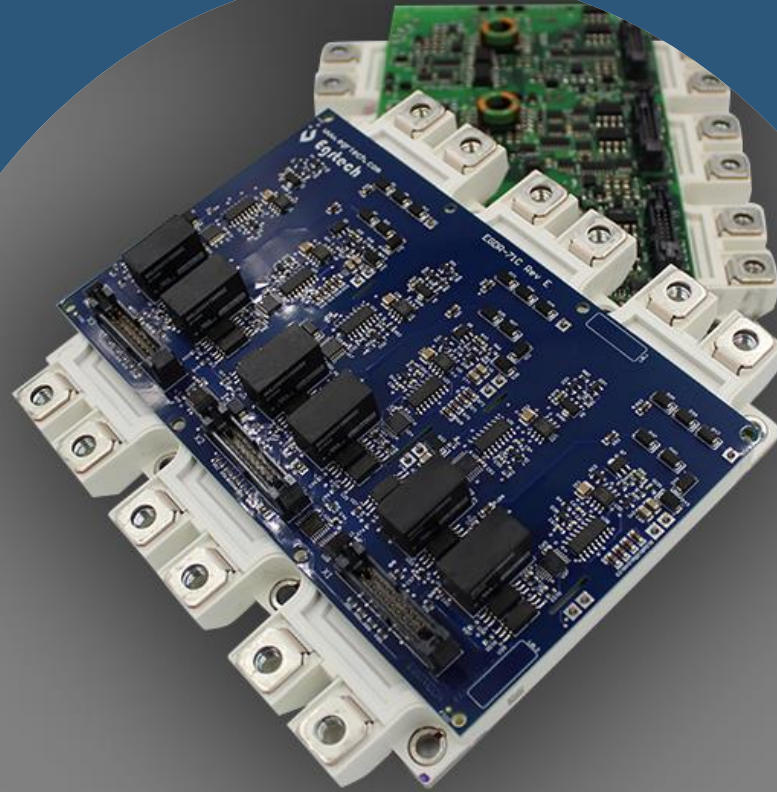


# EGRTECH LTD.

UNIT 3. GRATTAN BUSINESS PARK,  
CLONSHAUGH, DUBLIN 17, IRELAND

# ABOUT US

Egrtech is a global provider of power electronic solutions for renewable energy and industrial applications. The company designs innovative solutions to address its client's specific requirements to enable them to optimize their systems across numerous industrial sectors.



# OUR GOAL

The main goal of the company is to improve performance, increase robustness and extend the lifetime of power electronic products.

The company is able to provide the schematic, PCB layout (Altium Designer), software code, and power simulation (PSIM) based on customer requirements.





# OUR SPECIALIZATION

Egrtech is also offering an alternative manufacturing facility that refurbishes and remanufactures older powered electronic products, especially for wind turbines, solar energy and motor driver applications. Our specialization is to optimize and redesign obsolete power electronic systems to innovative solutions.

The company's other facilities offer high-quality repair services that fix older power converters, IGBT stacks, electronic boards, IGBT gate driver boards, solar inverters and relevant power electronic systems with suitable test procedures. As well, each repaired product is supported by a certain period of warranty condition.



# QUALITY, ENVIRONMENTAL, HEALTH AND SAFETY



## QUALITY

We take our commitment to quality very seriously and this is reflected in Our Quality Policy. ISO:9001 is an internationally recognised standard for Quality Management Systems. This helps us monitor all areas of the business and identify any areas of improvement.



## CERTIFICATE

NSAI has issued an IQNet recognised certificate that the organisation:

**Egrtech Ltd**  
Unit 3 Grattan Business Park  
Clonshaugh  
Dublin 17  
Ireland

has implemented and maintains a  
**Quality Management System**  
for the following scope:

The Design and manufacture power electronic products  
which fulfils the requirements of the following standard:

**I.S. EN ISO 9001:2015**

Issued on: 15 October 2021  
First issued on: 15 October 2021  
Expires on: 14 October 2024

*This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document.*

Registration Number: IE-19.7396



*Alex Stoichitiu*  
Alex Stoichitiu  
President of IQNet

*Stewart Hickey*  
Stewart Hickey  
Head – Business Excellence, NSAI



**IQNet Partners\***  
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IQNet is represented in the USA by: AFNOR Certification, CISO, DQS Holding GmbH and NSAI Inc.

\* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under [www.iqnet-certification.com](http://www.iqnet-certification.com)  
CERT-067.9001: MMA IQNet NSAI 9001 2015 A4 (1)



## ENVIRONMENTAL, HEALTH AND SAFETY

To achieve quality Electronic Manufacturing Services is not only about ISO Certification, it is about processes and more importantly - your people.

Within the scope of environmental, health and safety, we continue to work and develop for both our employees and a sustainable environment. In this direction, our biggest goal is to obtain ISO 14001 and ISO 45001 certificates in 2023.

# OUR SERVICES

## PCB ASSEMBLY



We are professional at the PCB assembly and electronic manufacturing services. We will provide Kitted and Turn-Key mass production assemblies, and the fast and precise prototype assembly. Our PCB assembly capabilities involve thru-hole, flex/rigid, mixed, multilayer PCB.

We are committed to consistently producing reliable products, providing superior customer service, and maintaining a talented and experienced staff.

Surface mount technology (SMT) continues to grow in popularity as electronics simultaneously increase in complexity while decreasing in size.

As technology has advanced there has been a huge increase in demand and for the miniaturisation of components and PCB Assemblies. As a result, EGRTECH designs have orientated towards Surface Mount Technology (SMT).

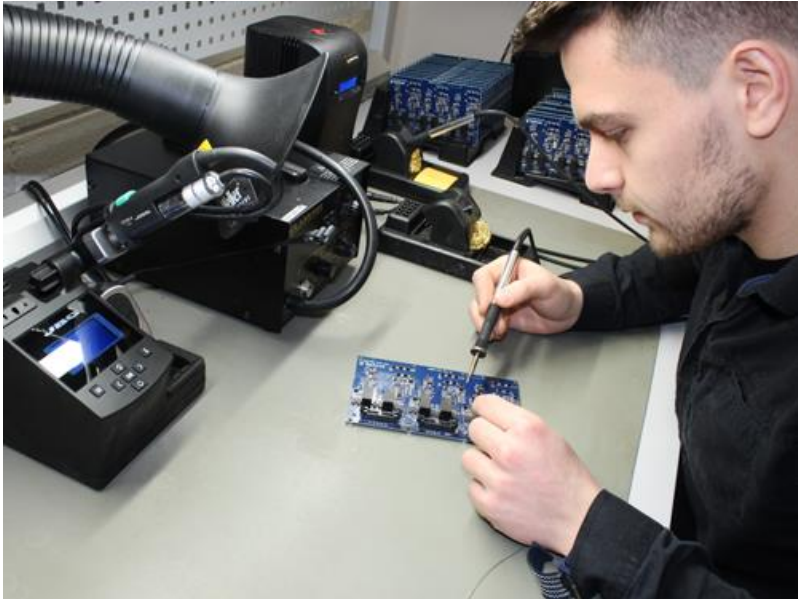
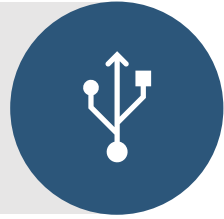
We continue to embrace and invest in new technologies and equipment and now boast a Surface Mount Department that consists of a fully automated lines.



## SMT ASSEMBLY

# OUR SERVICES

## PCB ASSEMBLY



## SMT ASSEMBLY

# OUR SERVICES

## REPAIR



Egrtech offers high quality repair services that replaces the failed components based on its knowledge, applications such as power converters, IGBT power stacks, electronic circuit boards, servo drivers, IGBT gate driver boards, solar inverters, wind turbine parts and various other electronic devices.

Egrtech is also offering an alternative manufacturer facility that refurbishes and remanufactures the older power electronic products, especially for wind turbines, solar energy and motor driver applications. Our specialization is to optimize and redesign obsolete power electronic systems to innovative solutions.

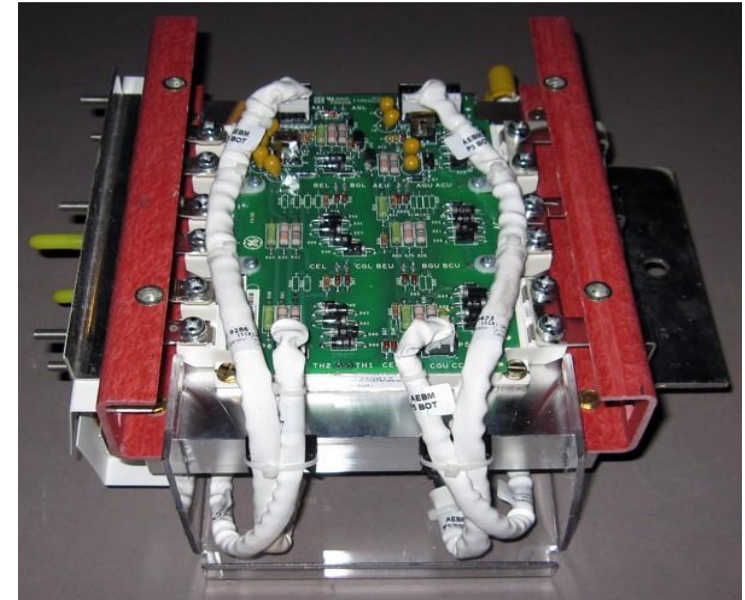


## REFURBISHMENT



# OUR SERVICES

## REPAIR

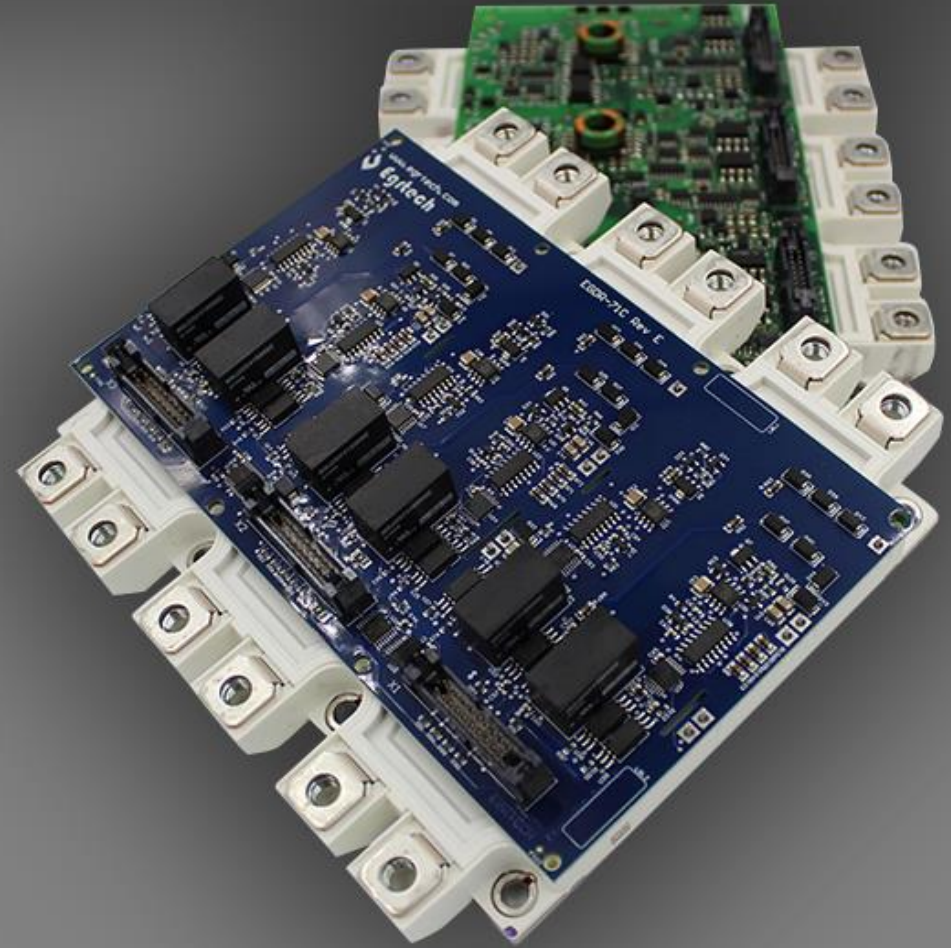


## REFURBISHMENT

# PRODUCTS

## EGDR-XXC IGBT Gate Driver

- ✓ Direct replacement of ABB AGDR Driver boards
- ✓ Conformal coating applied
- ✓ 1-year warranty
- ✓ Available EconopackPACK IBTS brands  
such as Infineon, ✓ FUJI, Semikron
- ✓ High reliability and robust design

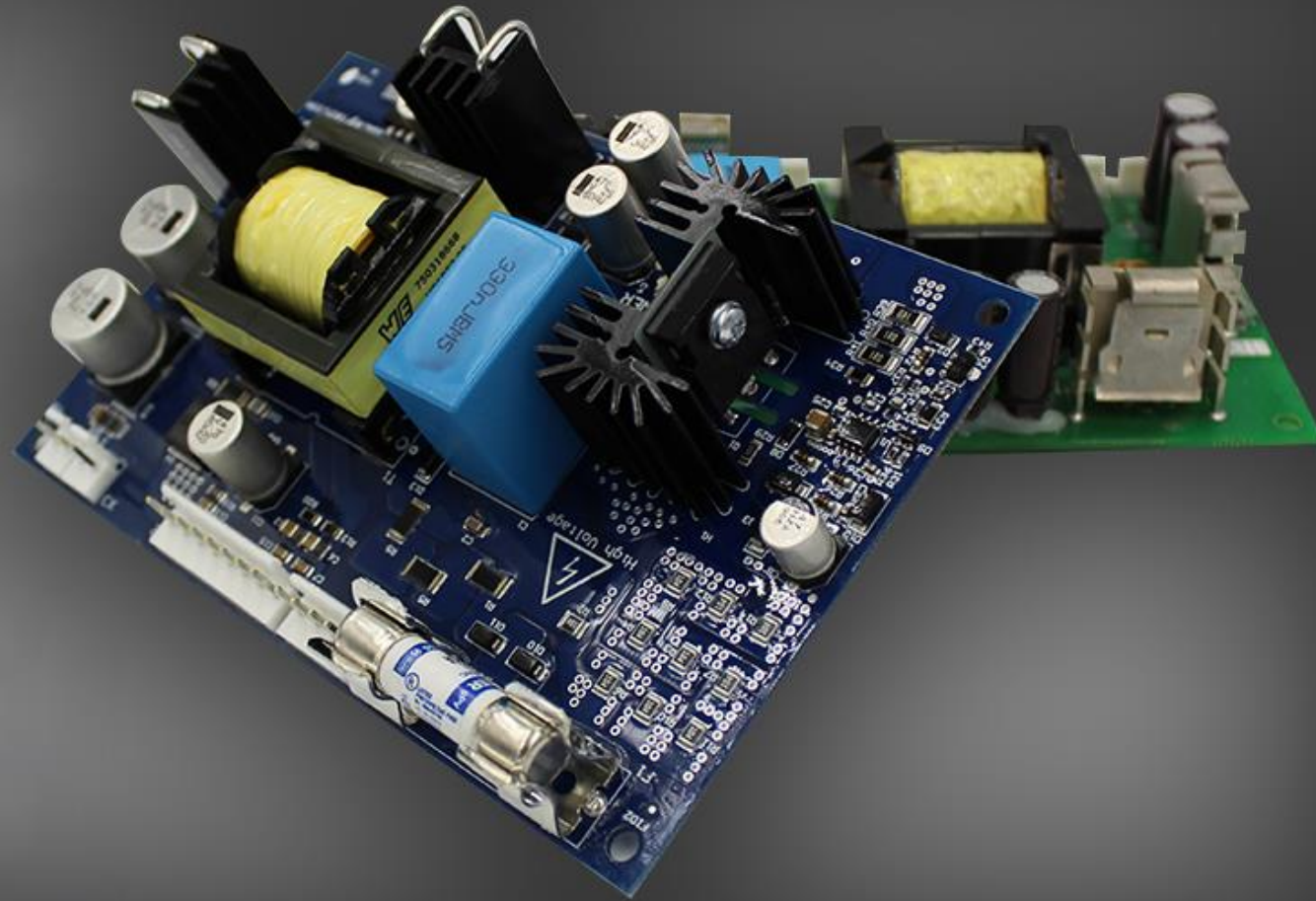




# PRODUCTS

## EPOW-11C Power Supply

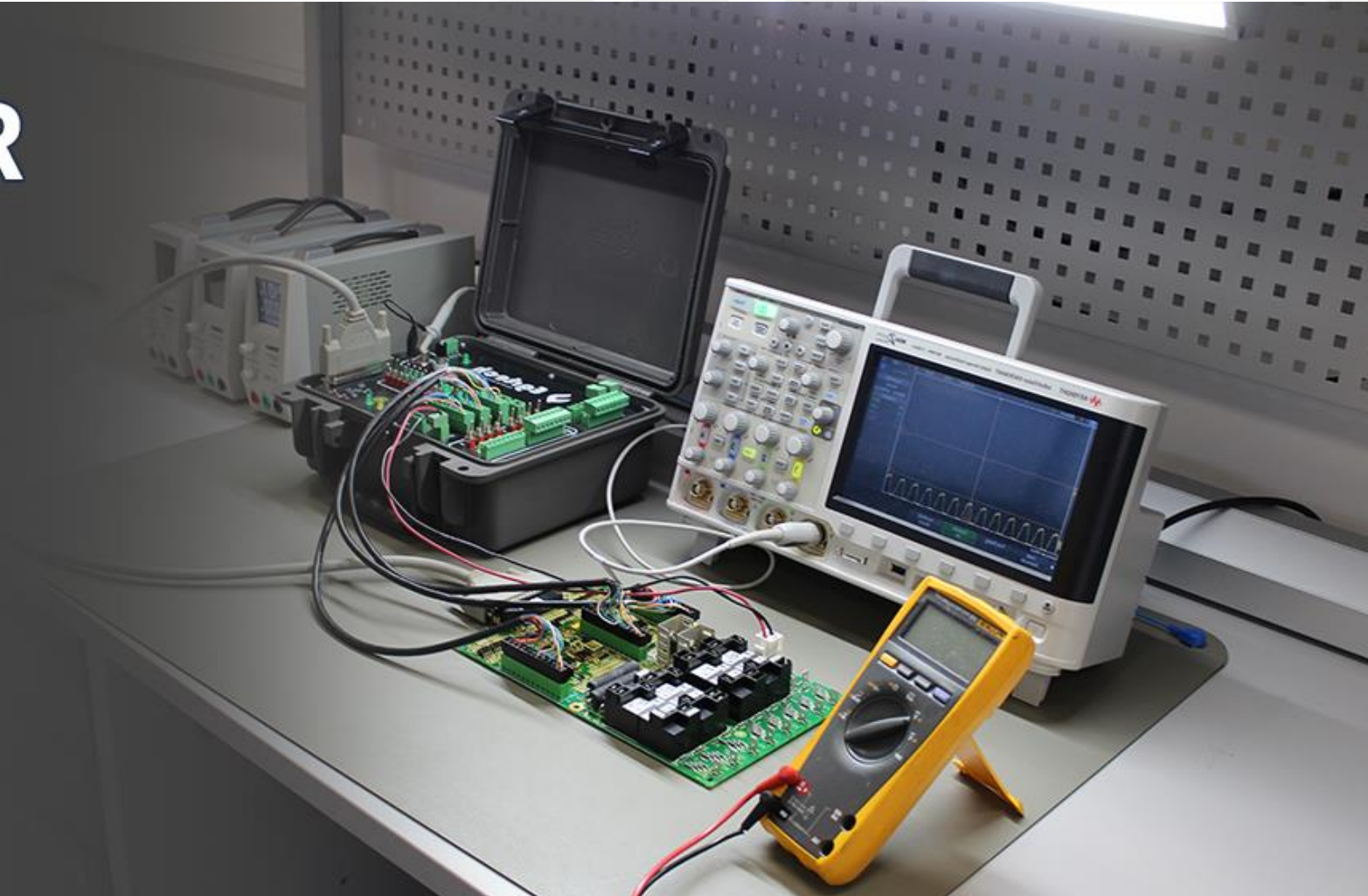
- ✓ Direct replacement of  
ABB APOW -11C and APOW-01C
- ✓ Conformal coating applied
- ✓ 1-year warranty
- ✓ Latest technology applied
- ✓ Made for use with ACS800 Systems



# PRODUCTS

## GE CONVERTER PARTS

- ✓ GE AEAA RELAY BOARD
- ✓ GE AEBI BRIDGE BOARD
- ✓ GE AEAB BOARD
- ✓ GE AEAC BOARD
- ✓ GE AEAD BOARD
- ✓ GE AEPS POWER SUPPLY





# PRODUCTS

## GE PHASE MODULE

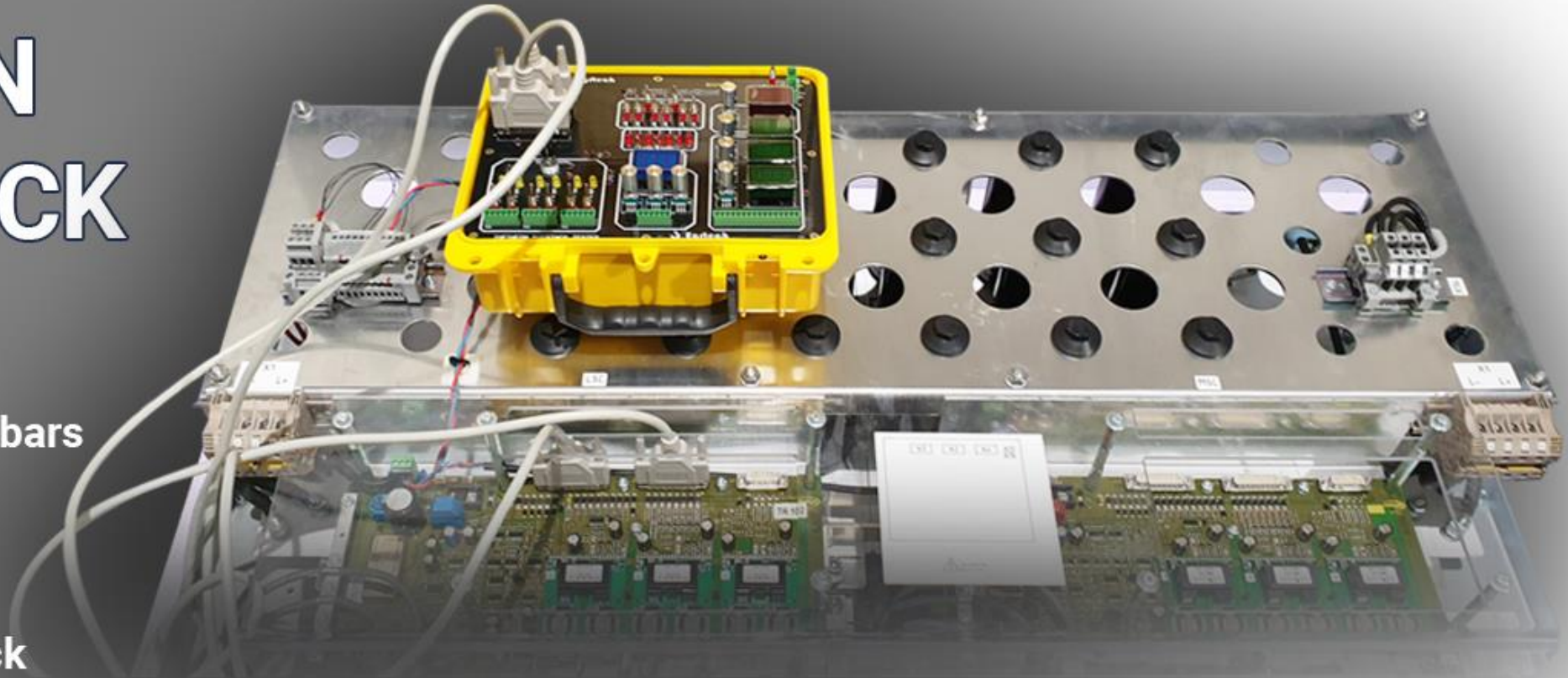
- ✓ New IGBTs
- ✓ New Driver Board
- ✓ New Laminated Busbar
- ✓ 1-Year Warranty



# PRODUCTS

## INFINEON MODSTACK

- ✓ New IGBTs
  - ✓ New Laminated Busbars
  - ✓ New Capacitors
  - ✓ 1-Year Warranty
  - ✓ Master & Slave Stack
- Available





# PRODUCTS

## EGRTECH LINE / ROTOR SIDE IGBT

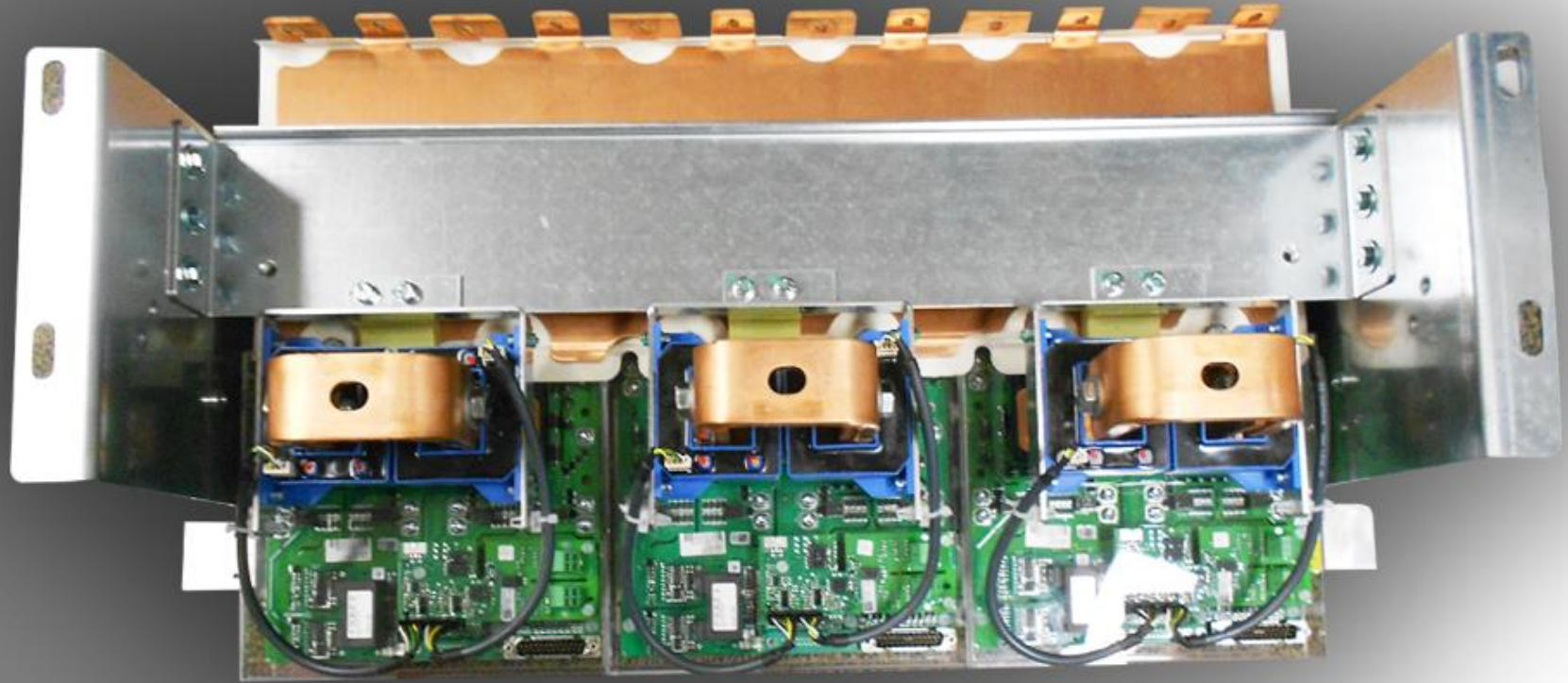
- ✓ Direct replacement of  
GE LINE / ROTOR Side IGBT
- ✓ Conformal coating applied
- ✓ 1-year warranty
- ✓ Latest technology applied
- ✓ No tantalum capacitor used



# PRODUCTS

## WOODWARD CONVERTER

- ✓ New IGBTs
  - ✓ New Laminated Busbars
  - ✓ New Capacitors
  - ✓ 1-Year Warranty
  - ✓ Master & Slave Stack
- Available







**Egrtech**  
POWER ELECTRONICS

# THANK YOU

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<http://www.egrtech.com/>