



BAND SPECIFIC AMPLIFIERS (ISM 433MHZ, 915MHZ, 2.4 GHZ)

CREATING
SOLUTIONS

We provide amplifier modules and systems ranging from a few watts to Multi-KW systems for Industrial applications.

All our products can be customized to your specific needs.

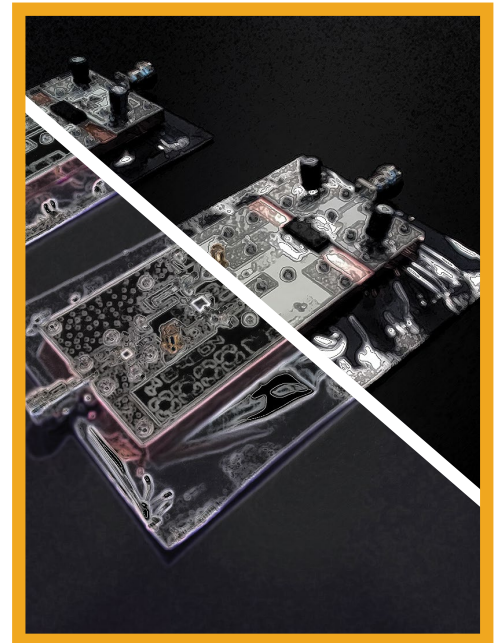
- Pallet amplifiers
- Fully enclosed modules in machined housings for evaluation systems
- Rack mount systems

All our amplifiers have peripheral circuitry that is constantly monitoring the operation of the amplifier and can be controlled through dedicated software (GUI) by the user.

Some of the features of the monitoring system, are:

- Measurement of FW/ RFL Power (PEP, RMS)
- Relative phase difference in between FW and RFL waves.
- Instantaneous current consumption for each transistor
- Module fault alarm
- Temperature monitoring
- Over Temp alarm
- PAE calculation
- Fail safe modes set by user

(In evaluation environment the user can set specific levels of alarms. Each amplifier has built-in protection functions that always keep it in between the limits of its Safe Operating Area)



**E-REON is a world class
RF/Microwave Solutions Company.**

Our core business focuses in the design and development of High Power RF/Microwave hardware (Active and Passive) for Commercial, Industrial and A&D markets. Ranging from low power exciters to multiKW power amplifier systems for Industrial Heating and RF Energy applications, our product portfolio and services cover a wide spectrum of applications and Markets.

It is our Mission here at E-REON to always turn quality and innovation into Customer satisfaction.

**AT E-REON YOU WILL FIND A DIVERSIFIED AND RICH
PORTFOLIO OF TURN-KEY SOLUTIONS AND SERVICES
IN HIGH POWER RF AND MICROWAVE HARDWARE**

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E - r e o n B V

**WORKING ON
INNOVATIVE
IDEAS**

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