

# The APG *Solid State* RF Generator Series

*Revolutionizing RF Power  
heating and drying systems.*



# We've reinvented RF power with the most energy efficient, reliable solid state high power generators at an affordable cost.

The innovative APG RF generator series gives you the power to improve your systems and eliminate the most common pain points with industrial heating and drying processes and equipment. Superior energy efficiency reduces operating costs, solid state reliability virtually eliminates costly maintenance, and precise control reduces defects and waste.



FROM LEFT RIGHT:  
100kW, 150kW, 200kW and 50kW.

## Outperforming legacy solid state and vacuum tube technology on every level.

- **95% energy efficiency** can reduce energy costs by 50%.
- **Solid state reliability maximizes uptime** and virtually eliminates maintenance costs.
- **Space savings.** Smallest, lightest high power RF generator series ever designed. Fits into 19-inch rack.
- **1/3 the price of legacy solid state.**
- **Exact digital control over power level.** APG generators measure and fine tune power thousands of times per second, ensuring consistent heating and reduction.
- **Seamlessly integrates into existing equipment designs.**
- **Easy desktop monitoring.**

## Power. Configured to perform how you want it.

- **Choose power levels from 10 – 400 kW** operating at 7 or 14 MHz.
- **Available as a standalone generator.** (ideal for OEMs to package into your products)
- **Available as a fully integrated power generation system** including generator, coupling network, transformer and cooling unit.
- **Aethera's engineering team will manage the technical integration with your current system.**

THE APG7-50  
SOLID STATE  
RF GENERATOR



**Aethera**   
TECHNOLOGIES

Talk to us about how the solid state APG series can improve your heating and drying machinery with new efficiency.

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