



# The APG7-50

50 kW generator operating at 7 MHz



**An energy efficient alternative  
for industrial RF heating**

[aethera.com](http://aethera.com)

# Revolutionary RF heating generators that are efficient, reliable, flexible and, for the first time, affordable.

## Aethera has made solid state RF power affordable through technology innovation.

The APG7-50 generator is 1/3 the cost of solid state alternatives. This enables buyers to reduce their capital cost and heat more efficiently.

This power generator is ideal for high power heating and drying applications for bulk goods which require speed of drying and product consistency. The efficiency of the power supply means low operating costs. This offers significant competitive advantages to manufacturers and producers.



APG7-50

## The APG7-50 solid state RF generator offers superior performance vs. tube technology and previous generations of solid state alternatives. Here's how:

- **Exact digital control** over the amount of power used. By comparison, old technology has never offered this level of precision.
- **Greater reliability vs tube technology.** With solid state, there is no maintenance required. This means less downtime for your operation.
- **95% energy efficiency vs. 60% for tube technology.** This could lead to a greater than 30% reduction in electrical costs.
- **Eliminates the limitations of tube technology** and offers superior flexibility of power transfer with a wider range of applications.
- **Smallest and lightest 50kW generator ever made.**
- **Easily integrate with industrial controls** and can be monitored from a desktop.
- **Capable of operating from 4-8 MHz.**

**Our electrical engineering team is available to support integration into your system and frequency adjustment with installations.**



**Talk to us about how the APG7-50 can generate new efficiencies for your business.**

[info@aethera.com](mailto:info@aethera.com) | 1-855-AETHERA | [aethera.com](http://aethera.com)