

# RF POWER AMPLIFIERS MODEL 8000-061



**ETS-Lindgren's Model 8000-061 RF Power Amplifier** is a 40 W power amplifier, designed primarily for EMC applications that include IEC/EN 61000-4-3, 3 V/m requirements. Utilizing GaN technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers. The 8000-061 provides very low distortion and tolerance for 100% mismatch.

- MODEL 8000-061**
- IEC/EN 61000-4-3, 3 V/m (80% AM)
  - High Reliability
  - GaN Design - Class A
  - Excellent Performance
  - Efficiency Safety Interlock

### Technical Specifications

Electrical	
Frequency Range	1 GHz to 6 GHz
Nominal Output Power	40 W
Gain Variation	3 dB
Harmonics	-20 dBc Maximum
Output Impedance	50 $\Omega$
Input VSWR	2:1 Maximum
AC Supply	100 to 240 VAC, Single Phase
Supply Frequency Range	50/60 Hz
Line Power	< 450 VA
Mechanical	
RF Connectors	Type N (f)
Remote Interface	GPIO, LAN, USB
Physical	
Dimensions	19 in, 3U Case, 500 mm (19.6 in) Deep
Weight	12.0 kg (26.5 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors

