

# RF POWER AMPLIFIERS MODEL 8000-006



**ETS-Lindgren's Model 8000-006 RF Power Amplifier** is a 250W power amplifier, designed primarily for EMC applications that include IEC/EN 61000-4-3, 20 requirements. Utilizing Silicon LDMOS technology, this RF amplifier provides higher linearity, rugged design in a more compact design.

The 8000-006 provides very low distortion and tolerance for 100% mismatch.

## MODEL 8000-006

- **IEC/EN 61000-4-3, 20 V/m**
- **High Reliability Silicon Design**
- **Excellent Performance and Efficiency**
- **Safety Interlock**

## Technical Specifications

### Electrical

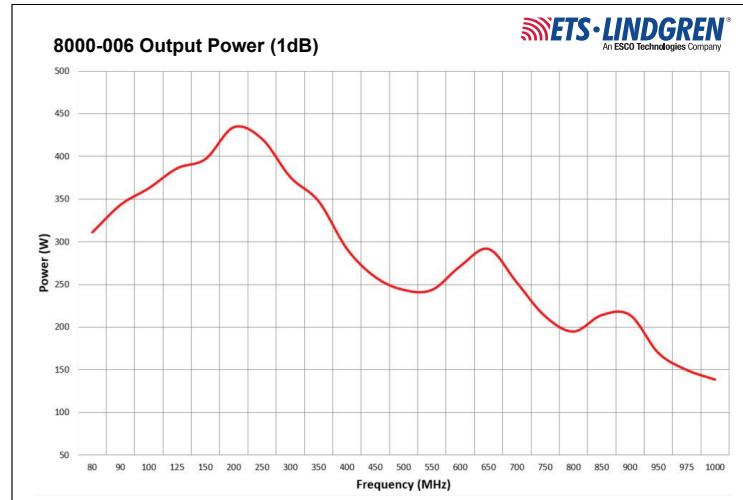
Frequency Range	80 MHz to 1 GHz
Nominal Output Power	275W
Gain Variation	± 3 dB
Harmonics	-20 dBc Maximum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	220 to 240 VAC, Single Phase
Supply Frequency Range	50/60 Hz
Line Power	< 1 kVA

### Mechanical

Remote Interface	GPIB, Ethernet
RF Connectors	Type N (f)

### Physical

Dimensions	19 in, 4U Case, 500 mm (19.6 in) Deep
Weight	18.0 kg (40 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors



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