

RF POWER AMPLIFIERS MODEL 8100-073



MODEL 8100-073

- HIRF Testing
- High Reliability
- Excellent Performance and Efficiency
- Safety Interlock

ETS-Lindgren's Model 8100-073 RF Power Amplifier is a 1000 W power amplifier, designed primarily for EMC applications that include High Field strength requirements. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8100-073 provides very low distortion and tolerance for 100% mismatch.

Technical Specifications

Electrical	
Frequency Range	1 GHz to 2.5 GHz
Nominal Output Power	1000 W
Gain Variation	± 2 dB
Harmonics	-20 dBc Minimum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	3 X 400 VAC 10% Three Phase
Supply Frequency Range	50/60 Hz
Line Power	< 9000 VA
Mechanical	
RF Connectors	Input: Type N (f) Output: 7-16 (f)
Remote Interface	GPIB, LAN
Physical	
Dimensions	19 in, 12U Case, 800 mm (31.5 in) Deep
Weight	160 kg (352 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors