

RF POWER AMPLIFIERS MODEL 8100-132



MODEL 8100-132

- IEEE-488.2 GPIB Remote Control
- High Reliability
- Excellent Performance and Efficiency
- Safety Interlock

ETS-Lindgren's Model 8100-132 RF Power Amplifier is a 3000/2500W power amplifier, designed primarily for EMC applications that include MIL-STD 461RS103 and ISO 11451-2 requirements. This solid state RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8100-132 provides very low distortion and tolerance for 100% mismatch.

Technical Specifications

Electrical	
Frequency Range	9 KHz to 250 MHz
Nominal Output Power	3000W (9 kHz to 200 MHz) 2500W (200 MHz to 250 MHz)
Gain Variation	± 2 dB
Harmonics	20 dBc
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	400 VAC, 10% Three Phase
Supply Frequency Range	47/63 Hz
Line Power	< 14000 VA
Mechanical	
Remote Interface	GPIB, Ethernet, USB
RF Connectors	Input N (f) Output 7/16 (f)
Physical	
Dimensions	19 in, 24U Rack, 800 mm (31.4 in) Deep
Weight	265 kg (584 lb)