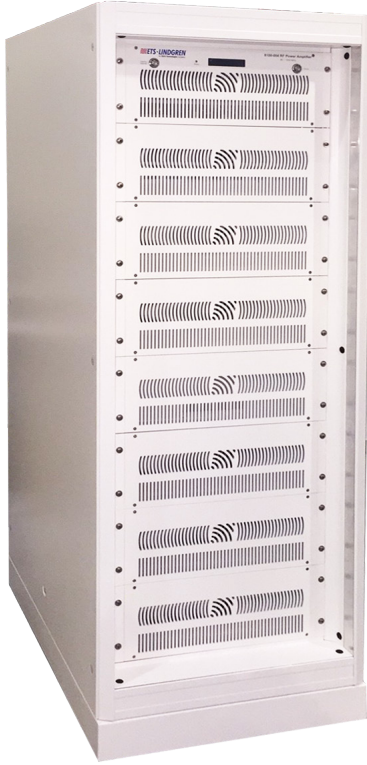


## RF POWER AMPLIFIERS MODEL 8100-004



**MODEL 8100-004**

- ISO 11452-2, 200 V/m
- High Reliability
- Excellent Performance and Efficiency
- Safety Interlock

**ETS-Lindgren's Model 8100-004 RF Power Amplifier** is a 2000/1000/700 W power amplifier, designed primarily for EMC applications that include ISO 11452-2, 200 V/m requirements. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8100-004 provides very low distortion and tolerance for 100% mismatch.

### Technical Specifications

Electrical	
Frequency Range	80 MHz to 1 GHz
Nominal Output Power	80 MHz to 280 MHz 2000W Minimum 280 MHz to 480 GHz 1000W Minimum 480 MHz to 1 GHz 700W Minimum
Gain Variation	± 2
Harmonics	-20 dBc Minimum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	220 VAC Single Phase
Supply Frequency Range	50/60 Hz
Line Power	< 15000 VA
Mechanical	
Remote Interface	GPIO, LAN
RF Connectors	RF In: Type N; RF Out: 1 5/8" EIA
Physical	
Dimensions	37U Rack, 800 mm (31.5 in) Deep
Weight	345 kg (760 lb)
Rack Style (Standard)	Rack with Rear Panel Connectors

### Typical Output Power at 1 dB Compression

