

**Aumictech**

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Data Sheet

August 14, 2026

ENI

ENI 1140LA Broadband RF Power Amplifier

ENI and I 1140LA RF Power Amplifier 1000 W The ENI/E&I 1140LA is a solid state RF power amplifier producing 1000 W of quasi linear Class AB power from about 10 kHz to 2 MHz with greater than 1500 W saturated capability in part of the band. OEM literature lists 55 dB minimum gain, unconditional stability, and front panel forward/reverse power metering with RS-232. Ultrasonics, induction heating, laser modulation, plasma applications, and high power LF/HF laboratory RF drive. Saturated power over 1500 W class from 100 kHz to 2 MHz The ENI/E&I 1140LA is a solid state RF power amplifier producing 1000 W of quasi linear Class AB power from about 10 kHz to 2 MHz with greater than 1500 W saturated capability in part of the band. OEM literature lists 55 dB minimum gain, unconditional stability, and front panel forward/reverse power metering with RS-232. Ultrasonics, induction heating, laser modulation, plasma applications, and high power LF/HF laboratory RF drive. Saturated power over 1500 W class from 100 kHz to 2 MHz Simultaneous forward and reverse power readouts



MODEL

ENI 1140LA

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

1140LA

LISTING

<https://aumictechlabs.com/products/1140la-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The ENI 1140LA is a rugged and reliable amplifier that provides consistent performance over a wide range of operating conditions. It is equipped with built-in protection circuitry to prevent

damage from overloads and excessive temperatures. The amplifier works with ease of use and can be quickly integrated into existing systems.

1140LA Characteristics / Specifications

PARAMETER	VALUE
Frequency Coverage	10 kHz to 2 MHz
Rated Output Power	1000 W
Saturated Power Class	over 1500 W from 100 kHz to 2 MHz
Power Gain Minimum	55 dB
Class Of Operation	Class AB quasi linear
Stability	unconditional
Protection	output mismatch and overdrive
Forward Power Metering	RMS forward power front panel
Reverse Power Metering	RMS reverse power front panel
Remote Interface	RS-232
AC Input	120/240 Vac single phase
Topology	solid state RF DMOS FET stages
Modulation Compatibility	AM FM SSB pulse and complex
Form Factor	high power benchtop/rack amplifier class
Input Impedance Class	50 ohm
Output Impedance Class	50 ohm
Connectors Class	high power RF connectors per unit
Cooling	forced air class
Series Family	ENI/E&I 1140LA

1140LA Specifications

PARAMETER	VALUE
ENI E and I 1140LA RF Power Amplifier 1000 W	Overview
Key Features	1000 W Class AB rated power
Simultaneous forward and reverse power readouts	RS-232 data collection port
Technical Specifications	Frequency Coverage: 10 kHz to 2 MHz

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes	
Numeric rows from E&I/ENI 1140LA product literature. Some rental listings cite 9 kHz to 250 kHz for specific configurations; confirm frequency span on the unit nameplate.	

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.