

**Aumictech**

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**Data Sheet**

August 14, 2026

ENI

## ENI AP400B RF Power Amplifier

Size: 7.75 × 11 × 15.25 in (19.7 × 27.9 × 38.7 cm) Remote Control: rear-panel accessories connector TTL compatible Power Adjust: front panel or 0-10 Vdc external From ENI AP-400B OEM datasheet table. Queue slug AP400B maps to AP-400B. Remote Control: rear-panel accessories connector TTL compatible Power Adjust: front panel or 0-10 Vdc external From ENI AP-400B OEM datasheet table. Queue slug AP400B maps to AP-400B.



MODEL

**ENI AP400B**

CALIBRATION

**Available on request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**AP400B**

LISTING

<https://aumictechlabs.com/products/ap400b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

### This unit

The ENI AP400B is a rugged and reliable power amplifier suitable including RF testing, medical research, and industrial heating. It operates over a frequency range of 0.3 to 35 MHz and provides a minimum power output of 400 watts. This amplifier is designed with safety and ease of use in mind, featuring comprehensive protection circuitry and user-friendly controls.

## Features & description

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From manufacturer datasheet

### **Built-in linear forward/load power meter**

Forced-air cooling with multi-tap AC transformer Technical Specifications Model: AP-400B / AP400B  
Frequency Range: 80 kHz to 2.7 MHz Rated Output Power: 400 W Gain Variation: plus or minus 1.5 dB  
Drive Source Requirement: 1 mW Load Mismatch Foldback: at 100 W reflected power Forward/Load  
Power Regulation: plus or minus 5 percent of set power within foldback limits Power Meter Range: 0 to  
500 W forward/load AC Line 105/120 Vac: plus or minus 5 percent at 17 A 50-60 Hz AC Line 200/230  
Vac: plus or minus 5 percent at 9 A Size: 7.75 × 11 × 15.25 in (19.7 × 27.9 × 38.7 cm) Weight: 58 lb (26.4  
kg) Class Of Operation: ClassBsolid state Cooling: forced air Remote Control: rear-panel accessories  
connector TTL compatible Power Adjust: front panel or 0-10 Vdc external Level Modes: leveled or  
unleveled Topology: solid-state RF amplifier Series Family: ENI AP-400B Impedance Class: 50 ohm  
Notes From ENI AP-400B OEM datasheet table. Queue slug AP400B maps to AP-400B.

## AP400B Characteristics / Specifications

| PARAMETER                     | VALUE                                                       |
|-------------------------------|-------------------------------------------------------------|
| Model                         | AP-400B / AP400B                                            |
| Frequency Range               | 80 kHz to 2.7 MHz                                           |
| Rated Output Power            | 400 W                                                       |
| Gain Variation                | plus or minus 1.5 dB                                        |
| Drive Source Requirement      | 1 mW                                                        |
| Load Mismatch Foldback        | at 100 W reflected power                                    |
| Forward/Load Power Regulation | plus or minus 5 percent of set power within foldback limits |
| Power Meter Range             | 0 to 500 W forward/load                                     |
| AC Line 105/120 Vac           | plus or minus 5 percent at 17 A 50-60 Hz                    |
| AC Line 200/230 Vac           | plus or minus 5 percent at 9 A                              |
| Size                          | 7.75 × 11 × 15.25 in (19.7 × 27.9 × 38.7 cm)                |
| Weight                        | 58 lb (26.4 kg)                                             |
| Class Of Operation            | ClassBsolid state                                           |
| Cooling                       | forced air                                                  |
| Remote Control                | rear-panel accessories connector TTL compatible             |
| Power Adjust                  | front panel or 0-10 Vdc external                            |
| Level Modes                   | leveled or unleveled                                        |
| Topology                      | solid-state RF amplifier                                    |
| Series Family                 | ENI AP-400B                                                 |
| Impedance Class               | 50 ohm                                                      |

# AP400B Specifications

| PARAMETER                | VALUE                                                                    |
|--------------------------|--------------------------------------------------------------------------|
| Key Features             | 400 W Class B solid-state output                                         |
| Technical Specifications | Model: AP-400B / AP400B                                                  |
| Notes                    | From ENI AP-400B OEM datasheet table. Queue slug AP400B maps to AP-400B. |

# 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                                                           |                                                             |
|--------------------------------------------------------------------------|-------------------------------------------------------------|
| Specifications                                                           |                                                             |
| PARAMETER                                                                | VALUE                                                       |
| Model                                                                    | AP-400B / AP400B                                            |
| Frequency Range                                                          | 80 kHz to 2.7 MHz                                           |
| Rated Output Power                                                       | 400 W                                                       |
| Gain Variation                                                           | plus or minus 1.5 dB                                        |
| Drive Source Requirement                                                 | 1 mW                                                        |
| Load Mismatch Foldback                                                   | at 100 W reflected power                                    |
| Forward/Load Power Regulation                                            | plus or minus 5 percent of set power within foldback limits |
| Power Meter Range                                                        | 0 to 500 W forward/load                                     |
| AC Line 105/120 Vac                                                      | plus or minus 5 percent at 17 A 50-60 Hz                    |
| AC Line 200/230 Vac                                                      | plus or minus 5 percent at 9 A                              |
| Size                                                                     | 7.75 x 11 x 15.25 in (19.7 x 27.9 x 38.7 cm)                |
| Weight                                                                   | 58 lb (26.4 kg)                                             |
| Class Of Operation                                                       | ClassBsolid state                                           |
| Cooling                                                                  | forced air                                                  |
| Remote Control                                                           | rear-panel accessories connector TTL compatible             |
| Power Adjust                                                             | front panel or 0-10 Vdc external                            |
| Level Modes                                                              | leveled or unleveled                                        |
| Topology                                                                 | solid-state RF amplifier                                    |
| Series Family                                                            | ENI AP-400B                                                 |
| Impedance Class                                                          | 50 ohm                                                      |
| Notes                                                                    |                                                             |
| From ENI AP-400B OEM datasheet table. Queue slug AP400B maps to AP-400B. |                                                             |

### Available from Aumictech

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

Request a quote: [sales@aumictech.com](mailto: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.