

**Aumictech**

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Data Sheet

August 15, 2026

BEL FUSE / POWER-ONE

Bel Fuse / Power-One HTAA-16W-A DC Power Supply

The Bel Fuse/Power-One HTAA-16W-A is a linear DC power supply engineered for industrial and medical applications demanding low noise and ripple performance. This open-frame unit delivers triple regulated outputs with exceptional line and load regulation, backed by over 300,000 hours MTBF and 100% burn-in validation. International input capability and comprehensive agency approvals make it suitable for sensitive analog and control equipment across multiple market segments. Overvoltage protection: Set at 6.2 V $\pm$ 0.4 V (user-adjustable modules range 6.4 V to 34 V) Physical Aumictech offers NIST-traceable calibration and repair for the Bel Fuse / Power-One HTAA-16W-A. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. This Bel Fuse / Power-One HTAA-16W-A is listed at . Calibration is available



MODEL

Bel Fuse / Power-One HTAA-16W-A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

HTAA-16W-A

LISTING

<https://aumictechlabs.com/products/htaa-16w-a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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MTBF and 100% burn-in validation. International input capability and comprehensive agency approvals make it suitable for sensitive analog and control equipment across multiple market segments. Technical Specifications Electrical Performance Input voltage: 100–264 VAC, 47–63 Hz Output power: 20 W Line and load regulation: $\pm 0.05\%$ Output ripple: Low Response time: 50 μ s maximum MTBF: In excess of 300,000 hours 100% factory burn-in Output Configuration Triple output: +5 VDC @ 2 A, +12 VDC @ 400 mA, -12 VDC @ 400 mA Adjustable outputs available Remote sense capability Output inhibit function Overvoltage protection: Set at 6.2 V ± 0.4 V (user-adjustable modules range 6.4 V to 34 V) Physical Case type: AA Dimensions: 6.50" L $\times$ 4.00" W $\times$ 2.10" H (165.1 mm $\times$ 101.6 mm $\times$ 53.3 mm) Weight: 2.513 lbs Mounting: Panel or chassis mount Key Features Tight regulation ($\pm 0.05\%$) ensures stable operation for precision instrumentation Master/slave parallel capability available on select configurations RoHS-compatible design across all six restricted substances Low-noise output ideal for audio, acoustic, and measurement-grade applications Typical Applications Amplifiers, acoustic systems, broadcast equipment, automated test equipment (ATE), and industrial control systems requiring stable, low-distortion power. Compatibility & Integration UL Listed, CSA Certified, TÜV Approved, and CE Marked to Low Voltage Directive. Suitable for ITE (commercial) environments.

HTAA16WA Characteristics / Specifications

PARAMETER	VALUE
Model	HTAA-16W-A
Series	Linear AA / International Linear
Instrument Type	Triple output linear AC-DC power supply
Output 1 Voltage	5 V
Output 1 Current Maximum	2 A
Output 2 Voltage	12 V
Output 2 Current Maximum	400 mA
Output 3 Voltage	-12 V
Output 3 Current Maximum	400 mA
Output Power Class	16 W rated 20 W maximum dissipation class
Efficiency Typical	45 percent
Isolation Voltage	3 kV
Input Voltage Options	100, 120, 220, 230, 240 VAC
Operating Temperature	0 to 50 C
Dimensions LxWxH	6.50 × 4.00 × 2.10 inches (165.1 × 101.6 × 53.3 mm)
Mass	907 g
Number Of Outputs	3
Mounting Type	chassis mount panel screw
Regulation Family Spec	plus or minus 0.05 percent
Mtbf Family Spec	in excess of 300000 hours on Power-One linear datasheet
Approvals Class	CE TUV cURus onGsufffix builds
RoHS	G suffix lead-free builds available
Height Alternate Listing	1.8 inch on some distributor tables
Length	6.5 inch
Width	4 inch

PARAMETER	VALUE
Max Output Current Main	2 A

HTAA16WA Specifications

PARAMETER	VALUE
Applications	Low-noise ITE and instrumentation needing quiet linear 5 V logic with bipolar 12 V analog rails.
Key Features	Worldwide AC input 100/120/220/230/240 VAC class
Remote sense and adjustable output features	OVP standard on 5 V class linear family
Technical Specifications	Model: HTAA-16W-A

General Specifications & Supplementary Characteristics

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Max Output Current Main	2 A Notes From Power-One / Bel HTAA-16W-A and HTAA-16W-A-G distributor and linear family datasheet tables. Confirm exact regulation ripple and OVP trip from the unit label and linear family PDF for the build date.

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

From Power-One / Bel HTAA-16W-A and HTAA-16W-A-G distributor and linear family datasheet tables. Confirm exact regulation ripple and OVP trip from the unit label and linear family PDF for the build date.

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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<https://aumictechlabs.com>

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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.