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Data Sheet

August 15, 2026

AMETEK / ELGAR / POWER TEN

Ametek / Elgar / Power Ten 3300D-6016 Power Supply

Ametek / Elgar / Power Ten DC Power Supplies. Voltage: 0–60 VDC, Current: 0–16 A.



MODEL

**Ametek / Elgar /
Power Ten 3300D-
6016**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

3300D-6016

LISTING

[https://aumictechlabs.c
om/products/3300d-60
16-3/](https://aumictechlabs.com/products/3300d-6016-3/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Ametek/Elgar/Power Ten 3300D-6016 is a 1U rack-mounted DC power supply delivering up to 1000 W across a 0–60 VDC output range at 0–16 A. This constant current/constant voltage unit features automatic crossover operation, making it well-suited for laboratory test benches, R&D environments, and industrial systems requiring stable, regulated power. The supply achieves exceptional line regulation of $\pm 0.05\%$ of set point per 8 hours after warm-up, with load regulation of $0.02\%/^{\circ}\text{C}$ for voltage and $0.03\%/^{\circ}\text{C}$ for current. Output ripple and noise remain at 30 mV maximum. Load transient response recovers within 10 ms to within 2% of original value following a 30% step load. Remote sensing terminals accommodate up to 3% line drop per conductor, enabling accurate voltage measurement at the point of load. Technical Specifications Output Power: 1000 W maximum Output Voltage: 0–60 VDC Output Current: 0–16 A Output Type: CC/CV with automatic crossover Line Regulation: $\pm 0.05\%$ of set point per 8 hr (after warm-up, fixed

line/load/temperature) Load Regulation (Voltage): 0.02%/°C of maximum rating Load Regulation (Current): 0.03%/°C of maximum rating Ripple & Noise: 30 mV maximum Load Transient Response: 10 ms recovery to within 2% on 30% step load Input Power: 95–127 VAC or 190–253 VAC, 47–63 Hz, single-phase 2-wire plus ground Power Factor: 0.99 minimum at full load Total Harmonic Distortion: 2.5% maximum Efficiency: 85% at full power

Key Features Dual-range input voltage selection (95–127 VAC or 190–253 VAC) Front-panel meters for output voltage and current monitoring Voltage and current mode indicators Remote programming via 0–100% resistive input On/off control via contact closure (6–120 VDC or 12–240 VAC) Remote sensing terminals for load-point compensation Circuit breaker protection Compact 1U form factor: 19.00 in. × 18.50 in. × 1.75 in., 15 lb maximum

Typical Applications Electronic equipment characterization, power amplifier testing, battery charging systems, load bank simulation, and accelerated life testing in development and manufacturing environments.

Compatibility & Integration Designed for standard 19-inch equipment rack mounting with four captive screws; optional slide-mount hardware is available. Analog control inputs reference the negative output terminal. Requires unobstructed ventilation at top, rear, and sides.

3300D6016 Characteristics / Specifications

PARAMETER	VALUE
Model	3300D-6016
Series	Power Ten 3300
Instrument Type	CV/CC DC power supply
Output Voltage	0 to 60 V
Output Current	0 to 16 A
Output Power Class	up to 1000 W
Ripple Rms	30 mV max
Voltage Regulation	0.1 percent of max output voltage line or load
Current Regulation	0.1 percent of max output current line or load
Transient Response	30 percent step recovers to within 2 percent in 10 ms
Stability	0.05 percent of set point per 8 hr after warm-up
Power Factor	0.99 min at full load
Input Harmonic	2.5 percent max
Width	19.00 in
Depth	18.50 in
Height	1.75 in
Mass	15 lb max
Input Voltage Standard	95 to 127 VAC
Input Voltage Option	190 to 253 VAC
Input Frequency	47 to 63 Hz
Input Phase	single 2-wire plus ground
Remote On Off	contact closure, 6-120 VDC or 12-240 VAC
Resistive Program	0 to 5 k ohm for 0-100 percent Voltage Program: 0 to 5 VDC for 0-100 percent
Current Program	0 to 1 mA for 0-100 percent
Remote Sense Drop	3 percent of rated voltage per line max

PARAMETER	VALUE
Temperature Coefficient Voltage	0.02 percent/C of max voltage
Temperature Coefficient Current	0.03 percent/C of max current
Operating Temperature	0 to 50 C
Storage Temperature	minus 40 to 75 C
Cooling	internal blowers
Power Density	2.5 W per cubic inch
Manufacturer	Power Ten / Elgar / AMETEK

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	minus 40 to 75 C
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Manufacturer	Power Ten / Elgar / AMETEK Notes From Power Ten 3300 Series operator and maintenance manual Tables 1-1/1-2 and the 6016 output row (0-60 V, 0-16 A, 30 mV RMS). Analog program commons are referenced to the negative output as warned in the OEM safety notes.

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	
Technical Specifications	
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Notes

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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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NIST-traceable calibration · SAM registered ·
30-day returns
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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.