

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AMETEK/ELGAR

Ametek / Elgar PDU 2000 Power Distribution Unit

The Ametek/Elgar PDU 2000 is a reliable power distribution unit designed to efficiently manage and distribute power in various applications. It ensures stable and regulated power supply, protecting sensitive equipment from voltage fluctuations and power surges. Ideal for data centers, labs, and industrial environments.



MODEL

Ametek/Elgar PDU 2000

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PDU 2000

LISTING

<https://aumictechlabs.com/products/pdu-2000-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Ametek/Elgar PDU 2000 is an intelligent power distribution unit that manages and distributes AC power to multiple loads while serving as a control interface between a UPS, power conditioner, equipment loads, and host computer. Built on microcontroller-based architecture, It has individual control of eight NEMA 15A/115V receptacles with RS-232 serial communications for operational monitoring, alarm annunciation, and AC power status. The unit functions simultaneously as a serial data router, enabling computer-to-UPS communication through a single RS-232 port.

Technical Specifications
Input Voltage: 85–132 VAC
Input Frequency: 47–63 Hz
Output Voltage (Normal Mode): 115V nominal, regulated
Output Voltage (UPS Bypass Mode): 85–132V nominal
Output Frequency (Normal Mode): 60 Hz regulated
Output Frequency (UPS Bypass Mode): 47–63 Hz
Aggregate Output Current: 17.4A nominal
Maximum Output Current: 25A AC
OUT Load Control: Eight individually controlled receptacles at 15A/115V each
Circuit Protection:

Two-pole AC input circuit breaker Thermal Thresholds: Overtemperature alarm at 124°F (±1°F); shutdown at 133°F (±1°F) Operating Humidity: 5–95%, non-condensing Airflow Requirement: 100 LFM across enclosure surfaceKey Features Dual-mode operation: UPS-supplied power or direct AC bypass Individual outlet control via computer or manual override LED indicators for power status and shutdown events EIA-310-D compliant rack mounting with included slides Two-pole AC input protection Thermal monitoring with automatic shutdown protectionTypical Applications The PDU 2000 integrates UPS systems, power conditioning equipment, and loads in data center, test laboratory, and environments requiring centralized power management and remote circuit control.Compatibility & Integration Designed to interface with UPS and power conditioner outputs. Communicates via RS-232 with host computers and UPS systems through a single serial port. Compatible with standard 19-inch racks (2U panel height, 3.5"H × 19"W × 12.6"D).

PDU2000 Characteristics / Specifications

PARAMETER	VALUE
Model	PDU 2000
Instrument Type	Power distribution unit
Manufacturer	Ametek Elgar
Literature	Ametek/Elgar PDU 2000 listings
Family	Elgar PDU power distribution
Brand Lineage	Elgar Ametek
Form Factor	rack PDU
System Role	ATE power distribution
Application Class	Elgar source racks
Protection Class	breaker protected outlets as on the PDU 2000 drawing
Outlet Class	per PDU 2000 receptacle map
Input Class	per PDU 2000 nameplate
Current Class	per PDU 2000 nameplate
Voltage Class	per PDU 2000 nameplate
Frequency Class	mains frequency per nameplate
Chassis Class	rack mount PDU
Documentation Type	OEM PDU 2000 listing
Vendor Path	Elgar Ametek
Year Class	PDU 2000
Control Class	front/rear switching as on the PDU 2000 drawing
Indicator Class	per PDU 2000 panel
Cooling Class	convection rack PDU
Safety Class	per PDU 2000 listing plate

PDU2000 Specifications

PARAMETER	VALUE
Ametek Elgar PDU 2000 Power Distribution Unit	Overview
Key Features	Elgar PDU 2000 distribution frame
Rack integration with Elgar sources	2000-class PDU identity
Technical Specifications	Model: PDU 2000

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	PDU 2000
Instrument Type	Power distribution unit
Manufacturer	Ametek Elgar
Literature	Ametek/Elgar PDU 2000 listings
Family	Elgar PDU power distribution
Brand Lineage	Elgar Ametek
Form Factor	rack PDU
System Role	ATE power distribution
Application Class	Elgar source racks
Protection Class	breaker protected outlets as on the PDU 2000 drawing
Outlet Class	per PDU 2000 receptacle map
Input Class	per PDU 2000 nameplate
Current Class	per PDU 2000 nameplate
Voltage Class	per PDU 2000 nameplate
Frequency Class	mains frequency per nameplate
Chassis Class	rack mount PDU
Documentation Type	OEM PDU 2000 listing
Vendor Path	Elgar Ametek
Year Class	PDU 2000
Control Class	front/rear switching as on the PDU 2000 drawing
Indicator Class	per PDU 2000 panel
Cooling Class	convection rack PDU
Safety Class	per PDU 2000 listing plate
Notes	
Identity from Ametek/Elgar PDU 2000 listings. Input current, breaker amperes, and receptacle types are on the PDU 2000 nameplate and outline drawing; those values are not guessed here.	

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

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