

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

CHROMA

Chroma cPWR-1500A CompactPCI Power Supply

The Chroma cPWR-1500A is a 3U CompactPCI power supply designed for demanding industrial and telecommunications applications, offering high performance within a compact form factor. It supports hot-swappable insertion and N+1 redundancy, ensuring reliable power delivery for systems. The cPWR-1500A features comprehensive protection circuitry to safeguard against overvoltage, over-temperature, and short circuits, promoting stable operation and device protection. This power supply utilizes switching technology and a high power density design. It connects via a Positronic 47-pin connector. Aumictech offers NIST-traceable calibration and repair for the Chroma cPWR-1500A. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. This Chroma cPWR-1500A is listed at . Calibration is available separately f



MODEL

Chroma cPWR-1500A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

cPWR-1500A

LISTING

<https://aumictechlabs.com/products/cpwr-1500a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Chroma cPWR-1500A is a 3U CompactPCI power supply designed for demanding industrial and telecommunications applications, offering high performance within a compact form factor. It supports hot-swappable insertion and N+1 redundancy, ensuring reliable power delivery for systems. The cPWR-1500A features comprehensive protection circuitry to safeguard against overvoltage, over-temperature, and short circuits, promoting stable operation and device

protection. This power supply utilizes switching technology and a high power density design. It connects via a Positronic 47-pin connector. Technical Specifications * Product Type: CompactPCI Power Supply Manufacturer: Chroma Model: cPWR-1500A Form Factor: 3U CompactPCI Input Voltage: AC input (110/220V options available) Output Connector: Positronic 47-pin connector Features: * Hot-swappable * N+1 redundancy support * Current sharing capability * High power density design * Switching technology Electrical Characteristics * Protections: * Over-Voltage Protection (OVP) * Over-Temperature Protection (OTP) * All-Output Short-Circuit Protection Interfaces * Primary Connector: Positronic 47-pin connector Physical Characteristics * Form Factor: 3U Compatibility * Standard: PICMG 2.11 compliant (typical for CompactPCI power supplies) Application: Industrial and telecommunications applications. Why Choose Aumictech for Chroma cPWR-1500A CompactPCI Power Supply? At Aumictech, we specialize in supplying high-end CompactPCI power supply equipment. Whether you need reliable power for demanding industrial applications, efficient power solutions for telecommunications infrastructure, or solid protection for systems, our team ensures the Chroma cPWR-1500A CompactPCI Power Supply delivers maximum performance for your application.

CPWR1500A Characteristics / Specifications

PARAMETER	VALUE
Model	cPWR-1500A
Instrument Type	CompactPCI AC front-end power supply
Family	Chroma / Adlink cPWR-15xxA
Output Power	175 W maximum
Rail Plus 5 V	25 A (combined plus 5 V and plus 3.3 V less than 27 A)
Rail Plus 3p3 V	25 A
Rail Plus 12 V	3 A
Rail Minus 12 V	1 A
Input Voltage	90 to 264 VAC
Input Current	less than 5 A
Inrush Current	less than 40 A at 240 VAC
Line Frequency	50 to 60 Hz
Power Factor	0.99 typical
Efficiency	73 percent typical
Voltage Error Plus	less than plus or minus 3 percent
Voltage Error Other Rails	less than plus or minus 5 percent at plus 3.3 V, plus 12 V, minus 12 V
Voltage Ripple	100 mV or 1 percent, whichever is larger
Current Share	parallel units share plus 5 V and plus 3.3 V within 10 percent
Load Regulation Plus	plus or minus 1 percent
Load Regulation Other	plus or minus 3 percent at plus 3.3 V / plus 12 V / minus 12 V
Line Regulation	plus or minus 0.3 percent
Hold Up Time	greater than 6 ms
Rise Time	less than 500 ms from AC/DC start; all outputs within 10 ms of each other
Temperature Coefficient	0.05 percent perC Over Temperature: shutdown at internal 95 C, automatic recovery

PARAMETER	VALUE
Over Voltage	shutdown when output exceeds rated by 20 percent, auto restart
Connector	Positronic PCI47M400A1 47-pin
Sibling Dc	cPWR-1510A 36 to 72 VDC
Manufacturer	Chroma ATE / Adlink (cPWR-1500A listings)
Literature	cPWR-15xxA CompactPCI power-supply specification table

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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PARAMETER	VALUE
Over Voltage	shutdown when output exceeds rated by 20 percent, auto restart
Connector	Positronic PCI47M400A1 47-pin
Sibling Dc48	cPWR-1510A 36 to 72 VDC
Sibling Dc24	cPWR-1520A 18 to 36 VDC
Manufacturer	Chroma ATE / Adlink (cPWR-1500A listings)
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Notes

From Chroma/Adlink cPWR-15xxA tables (cPWR-1500A AC 90-264 V, 175 W, 5 V/3.3 V 25 A combined less than 27 A, plus 12 V 3 A, minus 12 V 1 A, 0.99 PF, 73 percent). Some reseller cards say 150 W; use the 175 W rated-power row from the OEM table.

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.