

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

ADLINK

Adlink cPS-H325/AC 47-Pin Hot-Swap Redundant 3U CompactPCI 8HP 250 W Power Module

The Adlink cPS-H325/AC is a hot-swappable, redundant 3U CompactPCI power module. This 8HP unit delivers 250W of power and features a 47-pin connector, ensuring reliable operation in demanding industrial environments. Designed for easy maintenance and minimal downtime.



MODEL

Adlink cPS-H325/AC

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

cPS-H325/AC

LISTING

<https://aumictechlabs.com/products/cps-h325-ac-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Adlink cPS-H325/AC is a 250 W power module for 3U CompactPCI systems requiring hot-swappable and redundant power delivery. Built to a 3U height and 8HP width with a 47-pin connector interface, this module supports continuous operation in high-availability architectures where single-point power failures cannot be tolerated. Hot-swap capability enables module replacement without system shutdown, while redundancy support maintains power integrity during component failure events.

Technical Specifications Model: cPS-H325/AC Manufacturer: Adlink Form Factor: 3U CompactPCI Module Width: 8HP Power Output: 250 W Input Type: AC Connector: 47-pin

Key Features Hot-swap capable for in-service module replacement Redundancy-ready architecture for fault-tolerant power distribution 47-pin connector carries power and control signaling Integral cooling for sustained thermal management Designed for

CompactPCI chassis integrationTypical Applications Industrial control and automation systems
Enterprise-grade telecommunications equipment High-availability server and storage platforms
Defense and aerospace embedded computing data center infrastructureCompatibility &
Integration The cPS-H325/AC integrates directly into 3U CompactPCI chassis. Redundant
configurations pair multiple modules to eliminate single points of failure in power delivery chains.
The standardized 47-pin interface connects to compatible CompactPCI backplane architectures
supporting hot-swap power management.

CPSH325AC Characteristics / Specifications

PARAMETER	VALUE
Model	cPS-H325
Instrument Type	CompactPCI hot swap power module
Output Power	250 W
Form Factor	3U CompactPCI 8HP
Connector	47 pin hot swap power
Input Type	AC
Hot Swap	supported
Redundant Operation	supported in paired slots
Manufacturer	ADLINK
Series Family	cPS-H325
Output Rails Class	standard cPCI 5 V 3.3 V 12 V class
Cooling	chassis airflow across 8HP module
Operating Temperature Class	0 C to 50 C class
Storage Temperature Class	minus 20 C to 70 C class
Humidity Class	noncondensing
Efficiency Class	high efficiency cPCI supply class
Protection Class	OVP OCP OTP class
Status Indicators	power good and fault class
Mounting	3U power slot
Picmg Power Practice	CompactPCI power interface
Weight Class	8HP power module class
Inrush Class	controlled hot swap inrush class
Hold Up Class	supply hold up class
Emi Class	filtered AC input class
Safety Agency Class	certified power module class

PARAMETER	VALUE
Storage temperature	Class: minus 20 C to 70 C class
Operating temperature	Class: 0 C to 50 C class
Humidity	Class: noncondensing

CPSH325AC Specifications

PARAMETER	VALUE
Applications	Redundant 3U CompactPCI power, hot-swap FRU replacement in telecom/industrial chassis, and 8HP power slots on ADLINK and PICMG backplanes.
Key Features	250 W output class
Technical Specifications	Model: cPS-H325

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	Class: minus 20 C to 70 C class
Operating temperature	Class: 0 C to 50 C class
Operating Temperature	Class: 0 C to 50 C class
Humidity	Class: noncondensing
Operating Temperature Class	0 C to 50 C class
Storage Temperature Class	minus 20 C to 70 C class
Humidity Class	noncondensing
Efficiency Class	high efficiency cPCI supply class
Protection Class	OVP OCP OTP class
Status Indicators	power good and fault class
Mounting	3U power slot
Picmg Power Practice	CompactPCI power interface
Weight Class	8HP power module class
Inrush Class	controlled hot swap inrush class
Hold Up Class	supply hold up class
Emi Class	filtered AC input class
Safety Agency Class	certified power module class Notes From ADLINK cPS-H325 catalog description for the 250 W 3U 8HP hot-swap CompactPCI AC power module. Rail current sharing details follow the redundant chassis configuration.

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	cPS-H325
Instrument Type	CompactPCI hot swap power module
Output Power	250 W
Form Factor	3U CompactPCI 8HP
Connector	47 pin hot swap power
Input Type	AC
Hot Swap	supported
Redundant Operation	supported in paired slots
Manufacturer	ADLINK
Series Family	cPS-H325
Output Rails Class	standard cPCI 5 V 3.3 V 12 V class
Cooling	chassis airflow across 8HP module
Operating Temperature Class	0 C to 50 C class
Storage Temperature Class	minus 20 C to 70 C class
Humidity Class	noncondensing
Efficiency Class	high efficiency cPCI supply class
Protection Class	OVP OCP OTP class
Status Indicators	power good and fault class
Mounting	3U power slot
Picmg Power Practice	CompactPCI power interface
Weight Class	8HP power module class
Inrush Class	controlled hot swap inrush class
Hold Up Class	supply hold up class
Emi Class	filtered AC input class
Safety Agency Class	certified power module class

Notes

From ADLINK cPS-H325 catalog description for the 250 W 3U 8HP hot-swap CompactPCI AC power module. Rail current sharing details follow the redundant chassis configuration.

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.