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Data Sheet

August 15, 2026

HP

HP PSR150-A AC Power Supply

The HP PSR150-A is an internal AC power supply unit delivering 150 W of stable DC power to HP A5500/A5800 series switches and SC 5520 Series equipment. This hot-swappable PSU accepts 100-240 V AC input at 50-60 Hz and outputs +12 V DC at 12.5 A, enabling seamless field replacement without system shutdown. Four independent protection mechanisms - over-voltage, short-circuit, current-limiting, and overheat - safeguard connected systems. The unit supports parallel connection for 1+1 redundancy and load sharing across multiple supplies. Aumictech offers NIST-traceable calibration and repair for the HP PSR150-A. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1-3 business days after receipt. This HP PSR150-A is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple u



MODEL

HP PSR150-A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PSR150-A

LISTING

<https://aumictechlabs.com/products/psr150-a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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parallel connection for 1+1 redundancy and load sharing across multiple supplies. Technical Specifications Input: 100-240 V AC, 50-60 Hz, 2 A maximum Output: +12 V DC, 12.5 A (150 W maximum) Form Factor: Internal with compact design Cooling: Ball bearing fan with speed modulation based on load and temperature Connectors: Main connector interface Key Features Over-voltage, short-circuit, current-limiting, and overheat protection Hot-swappable design for maintenance without power-down Parallel connection support for redundancy and load distribution Integrated noise killer to reduce electromagnetic interference Auto-recovery from thermal shutdown after temperature normalization Manual power cycle required to clear "deadly lock" conditions Installation & Operation The PSR150-A mounts internally via guide rails and captive screws. The integrated fan automatically adjusts speed in response to operational load and ambient temperature. The supply activates immediately upon connection to AC mains and handles most fault conditions through automatic recovery - except when a deadly lock event necessitates manual power cycling. Compatibility & Integration Primarily specified for HP A5500/A5800 series switches. Compatible with SC 5520 Series. Available under multiple part numbers: PSR150-A, JD362A, JD362AABA, JD362ALA, 9PA1503201.

PSR150A Characteristics / Specifications

PARAMETER	VALUE
Model	PSR150-A
Instrument Type	AC input DC power supply module
Output Voltage Class	12 V
Output Current Class	12.5 A
Output Power Class	150 W
Ac Input Class	100 to 240 VAC
Manufacturer	Hewlett Packard
Brand Lineage	HP / Agilent
Family	PSR150
Form Factor	embedded AC power module
Application Class	instrument 12 V bus
System Role	AC to DC front end
Use Case	HP instrument and industrial 12 V rail
Documentation Type	OEM PSR150-A listing
Output Rail	single 12 V class
Power Class	150 W
Input Class	universal AC
Cooling Class	convection or forced air per host chassis
Connector Class	host harness on the PSR150-A
Protection Class	overcurrent and overtemperature on the module label
Isolation Class	AC mains to 12 V SELV class
Mounting Class	chassis module
Calibration Class	DC output voltage on the nameplate
Literature	HP PSR150-A AC power supply listing
Year Class	PSR150 embedded supply

PSR150A Specifications

PARAMETER	VALUE
Applications	Embedded HP/Agilent instrument and industrial 12 V bus power where a 150 W AC front end is required.
Universal AC input class	12 V 12.5 A 150 W output class
HP PSR150 family module	Instrument and industrial 12 V rail
Technical Specifications	Model: PSR150-A

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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Form Factor	embedded AC power module
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Protection Class	overcurrent and overtemperature on the module label
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Mounting Class	chassis module
Calibration Class	DC output voltage on the nameplate
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Notes

From HP PSR150-A 150 W 12 V 12.5 A AC power supply listings. Ripple, efficiency, and exact AC current are on the PSR150-A nameplate; do not invent millivolt ripple or efficiency percent.

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.