

**Aumictech**

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Data Sheet

August 15, 2026

ACOPIAN

Acopian P020HP1.5

Acopian DC Power Supplies. Frequency Range: 50-400 Hz, Voltage / Current Range: 0-20 VDC output @ 1.5 mA, 105-125 VAC input.



MODEL

**Acopian
P020HP1.5**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

P020HP1.5

LISTING

<https://aumictechlabs.com/products/p020hp1-5-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Acopian P020HP1.5 is a single-output AC-DC power supply engineered for precision voltage and current regulation in laboratory and industrial test environments. This unit delivers 0-20 VDC output at 1.5 mA with exceptional line and load regulation, floating output architecture, and comprehensive short-circuit protection. The supply operates from 105-125 VAC, 50-400 Hz single-phase input (230 VAC option available) and accommodates ambient temperatures from -10 to +60°C without derating. Technical Specifications Input: 105-125 VAC, 50-400 Hz, single phase (optional 210-250 VAC) Output: 0-20 VDC, 1.5 mA maximum Regulation (Constant Voltage): ±0.05% line, ±0.05% load Regulation (Constant Current): ±0.1% line, ±0.1% load Current Accuracy: 2% of maximum rated output Stability: 0.05% over 8 hours (post 30-minute warm-up) Temperature Coefficient: 200 PPM/°C (0.02%/°C typical) Efficiency: >70% at full load Response Time: <5 mS for 100 µA load step Ambient Operating Temperature: -10 to +60°C Storage Temperature: -20 to +85°C Humidity: 90% relative maximum, non-condensing Key Features Floating output topology - either terminal may be grounded or elevated to 300 V above ground

Remote voltage sensing across load as standard Soft-start circuit minimizes inrush stress Current regulation circuit protects against short circuits, overload, and arcing Screw terminal connections: 24" flying lead (high side), 5-way binding post (return), separate AC input strip, pluggable terminal block for auxiliary connections Extruded aluminum enclosure, light gray enamel finish Threaded mounting holes for RETMA 19" cabinet rack integration or bench mounting ISO 9001 certified, TAA compliant Typical Applications Precision test and measurement systems requiring stable, regulated low-current DC power with minimal ripple and excellent transient response. Suitable for sensor excitation, instrumentation calibration, and laboratory apparatus where voltage regulation and load isolation are critical. Compatibility & Integration Available with optional terminal strip cover (suffix M) and 230 VAC input variant (suffix -230). Standard screw terminal interface permits field integration into custom test racks and benchtop setups.

P020HP15 Characteristics / Specifications

PARAMETER	VALUE
Model	P020HP1.5
Instrument Type	linear DC power supply
Manufacturer	Acopian
Output Voltage Class	20 V
Output Current Class	1.5 A
Form Factor	Acopian modular supply
Application Class	low noise DC rail
System Role	linear power supply
Use Case	laboratory and OEM DC
Documentation Type	OEM Acopian P020HP1.5 listing
Regulation Class	linear
Family	Acopian N/P/K/VA
Ripple Class	Acopian linear ripple on the P020HP1.5 sheet
Line Regulation Class	Acopian line regulation on the sheet
Load Regulation Class	Acopian load regulation on the sheet
Temperature Coefficient Class	Acopian TC on the sheet
Isolation Class	Acopian isolation on the sheet
Operating Temperature Class	Acopian ambient on the sheet
Ac Input Class	Acopian AC input on the P020HP1.5 sheet
Protection Class	current limit / foldback on the sheet
Brand Lineage	Acopian
Literature	Acopian P020HP1.5 linear power supply literature
Mounting Class	Acopian chassis module
Cooling Class	convection
Connector Class	barrier/terminal

PARAMETER	VALUE
Polarity Class	N/P polarity token on Acopian high performance modules
Operating temperature	Class: Acopian ambient on the sheet

P020HP15 Specifications

PARAMETER	VALUE
Acopian P020HP1.5 Linear Power Supply 20 V 1.5 A	Overview
Applications	Low noise laboratory and OEM DC rails.
Acopian modular power	Low noise class
Technical Specifications	Model: P020HP1.5

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Acopian ambient on the sheet
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Ac Input Class	Acopian AC input on the P020HP1.5 sheet
Protection Class	current limit / foldback on the sheet
Brand Lineage	Acopian
Literature	Acopian P020HP1.5 linear power supply literature
Mounting Class	Acopian chassis module
Cooling Class	convection
Connector Class	barrier/terminal
Polarity Class	N/P polarity token on Acopian high performance modules Notes From Acopian P020HP1.5 linear power supply listings. Exact millivolt ripple and regulation are on the P020HP1.5 sheet; do not invent mV figures. Voltage/current class follows the Acopian model token.

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.

performance and K/VA families).	
Applications	
Low noise laboratory and OEM DC rails.	
Key Features	
Linear regulated DC supply	
Acopian modular power	
Low noise class	
Chassis or DIN class per family	
OEM DC rail	
Technical Specifications	
Technical Specifications	
PARAMETER	VALUE
Model	P020HP1.5
Instrument Type	linear DC power supply
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Output Voltage Class	20 V
Output Current Class	1.5 A
Form Factor	Acopian modular supply
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Brand Lineage	Acopian

PARAMETER	VALUE
Literature	Acopian P020HP1.5 linear power supply literature
Mounting Class	Acopian chassis module
Cooling Class	convection
Connector Class	barrier/terminal
Polarity Class	N/P polarity token on Acopian high performance modules

Notes
From Acopian P020HP1.5 linear power supply listings. Exact millivolt ripple and regulation are on the P020HP1.5 sheet; do not invent mV figures. Voltage/current class follows the Acopian model token.

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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<https://aumictechlabs.com>

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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.