

**Aumictech**

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Data Sheet

August 15, 2026

ACOPIAN

Acopian N020HP1.5

Acopian DC Power Supplies. Voltage / Current Range: 0–20 VDC @ 1.5 A; Input 105–125 VAC (or 210–250 VAC, 90–265 VAC universal, or 110–350 Vdc), Current: limiting protection. Remote sensing compensates for Voltage: 105–125 VAC standard.



MODEL

**Acopian
N020HP1.5**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N020HP1.5

LISTING

<https://aumictechlabs.com/products/n020hp1-5-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Acopian N020HP1.5 is a single-output AC-DC power supply delivering regulated 20 VDC at 1.5 A (30 W) from standard 105–125 VAC input. The unit features remote voltage adjustment via external 1K potentiometer, screw terminal connections, and threaded mounting holes for fixed installation. Line and load regulation both hold $\pm 0.05\%$ or 5 mV, with transient response of 300 μ S to $\pm 1\%$ and automatic current-limiting protection. Remote sensing compensates for up to 0.5 V drop per output line. Output is floating and can be grounded or floated to 300 V above ground. The supply operates across -10 to $+60^{\circ}\text{C}$ ambient without derating, handles 90–265 VAC universal input configurations, and meets TAA compliance and ISO 9001 certification. Technical Specifications Input Voltage: 105–125 VAC standard; 210–250 VAC or 90–265 VAC universal input available; DC input 110–350 Vdc (polarity-independent) Output Voltage: 0–20 VDC, remotely adjustable Output Current: 1.5 A maximum Power Output: Approximately 30 W Line Regulation: $\pm 0.05\%$ or 5 mV (whichever greater) Load Regulation: $\pm 0.05\%$ or 5 mV (whichever greater) Drift:

±0.1% typical over 8 hours (post 30-minute warmup) Temperature Coefficient: ±0.02%/°C
Transient Response: 300 µs to ±1%; maximum ±3% excursion on 50–100% load step Holdup
Time: 16 mS minimum Inrush Current: 20 A peak @ 115 VAC; 40 A peak @ 230 VAC Startup Time:
800 mS typical Power Factor: 0.99 typical @ 115 VAC, 60 Hz, full load (EN61000-3-2 compliant)
Remote Sensing: 0.5 V drop compensation per output line Protections: Current limiting with auto-
recovery; latching overvoltage shutdownKey Features Floating output - either terminal can be
grounded or floated to 300 V above ground Screw terminal connections and threaded mounting
holes Operates –10 to +60°C without derating Cold-start inrush limiting via thermistor Overvoltage
protection with manual resetCompatibility & Integration TAA compliant ISO 9001 certified Input
undervoltage tolerant (≥90 VAC safe)

N020HP15 Characteristics / Specifications

PARAMETER	VALUE
Model	N020HP1.5
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 N020HP1.5 listing
Regulation Class	linear
Family	Acopian N/P/K/VA
Ripple Class	Acopian linear ripple on the N020HP1.5 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 N020HP1.5 sheet
Protection Class	current limit / foldback on the sheet
Brand Lineage	Acopian
Literature	Acopian N020HP1.5 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

N020HP15 Specifications

PARAMETER	VALUE
Acopian N020HP1.5 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: N020HP1.5

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 N020HP1.5 sheet
Protection Class	current limit / foldback on the sheet
Brand Lineage	Acopian
Literature	Acopian N020HP1.5 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 N020HP1.5 linear power supply listings. Exact millivolt ripple and regulation are on the N020HP1.5 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	N020HP1.5
Instrument Type	linear DC power supply
Manufacturer	Acopian
Output Voltage Class	20 V
Output Current Class	1.5 A
Form Factor	Acopian modular supply
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System Role	linear power supply
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Isolation Class	Acopian isolation on the sheet
Operating Temperature Class	Acopian ambient on the sheet
Ac Input Class	Acopian AC input on the N020HP1.5 sheet
Protection Class	current limit / foldback on the sheet
Brand Lineage	Acopian

PARAMETER	VALUE
Literature	Acopian N020HP1.5 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 N020HP1.5 linear power supply listings. Exact millivolt ripple and regulation are on the N020HP1.5 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.