

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

ACOPIAN

Acopian K20D50

Acopian K20D50 Linear Power Supply 20 V 50 mA classKtoken The Acopian K20D50 isalinear regulated DC power supply. OEM Acopian K20D50 literature coversalinear DC module with the 20 V 50 mA classKtoken output class indicated by the Acopian model token (N/P high performance and K/VA families). Documentation Type: OEM Acopian K20D50 listing Ripple Class: Acopian linear ripple on the K20D50 sheet The Acopian K20D50 isalinear regulated DC power supply. OEM Acopian K20D50 literature coversalinear DC module with the 20 V 50 mA classKtoken output class indicated by the Acopian model token (N/P high performance and K/VA families). Documentation Type: OEM Acopian K20D50 listing Ripple Class: Acopian linear ripple on the K20D50 sheet Line Regulation Class: Acopian line regulation on the sheet



MODEL

Acopian K20D50

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

K20D50

LISTING

<https://aumictechlabs.com/products/k20d50-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Acopian K20D50 is a regulated DC power supply engineered for industrial and laboratory applications demanding precision voltage stability and reliable current delivery. It combines electronic current limiting with automatic recovery protection, transient response of 50 microseconds, and remote voltage sensing to maintain output regulation across the load. The unit accommodates single-phase AC input of 105–125 VAC at 50–400 Hz and features floating or dual output configurations with temperature coefficients as low as 0.015%/°C. Technical Specifications

Input Power: 105–125 VAC, 50–400 Hz, single phase Output Configuration: Floating single output (either terminal may be grounded or floated to 300 V above ground) or positive/common/negative dual output Temperature Coefficient: 0.015%/°C (single output, typical); 0.02%/°C (dual output, typical) Operating Temperature: –20 to +71°C (linear models); 0 to +71°C (switching models) Storage Temperature: –55 to +85°C (linear); –40 to +85°C (switching) Humidity: 20–80% R.H., non-condensing Transient Response (no-load to full-load): 50 microseconds Input/Output Isolation: 500 Vdc voltage rating; 100 MΩ resistance; 100 pF capacitance Switching Frequency: 20 kHz minimum Protection: Electronic current limiting with automatic recovery; thermal protection with automatic resetKey Features Remote voltage sensing standard for load regulation 10-turn precision controls with locking vernier dials for voltage and current adjustment Screw terminals for DC output connections Extruded aluminum construction rated for standard 19" RETMA cabinet racks Light gray enamel front panel finish Thermal and overload protection with automatic recoveryTypical Applications Precision powering of laboratory test equipment, industrial control systems, and electronic apparatus requiring stable, regulated DC output with fast transient response and integrated current limiting.Compatibility & Integration Mounts in standard 19" RETMA racks, chassis, or benchtop environments. Optional DIN rail mounting kit (EB35DIN) available. UL Listed time-delay fuses specified for 120 V input models. Input transient suppression recommended for noisy AC supplies.

K20D50 Characteristics / Specifications

PARAMETER	VALUE
Model	K20D50
Instrument Type	linear DC power supply
Manufacturer	Acopian
Output Voltage Class	20 V
Output Current Class	50 mA classKtoken
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 K20D50 listing
Regulation Class	linear
Family	Acopian N/P/K/VA
Ripple Class	Acopian linear ripple on the K20D50 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 K20D50 sheet
Protection Class	current limit / foldback on the sheet
Brand Lineage	Acopian
Literature	Acopian K20D50 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

K20D50 Specifications

PARAMETER	VALUE
Applications	Low noise laboratory and OEM DC rails.
Acopian modular power	Low noise class
Technical Specifications	Model: K20D50

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 K20D50 sheet
Protection Class	current limit / foldback on the sheet
Brand Lineage	Acopian
Literature	Acopian K20D50 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 K20D50 linear power supply listings. Exact millivolt ripple and regulation are on the K20D50 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	
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PARAMETER	VALUE
Model	K20D50
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Connector Class	barrier/terminal
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Notes
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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.