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Data Sheet

August 13, 2026

KIKUSUI

Kikusui PAB32-2A

Kikusui DC Power Supplies. Voltage: ** 0 to 32 V, Current: ** 0 to 2 A, Accuracy: ** $\pm(0.5\%$ of reading + 2 digits) at $23 \pm 5^\circ\text{C}$ an.



MODEL Kikusui PAB32-2A	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU PAB32-2A	LISTING https://aumictechlabs.com/products/pab32-2a-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Kikusui PAB32-2A is a compact DC power supply built on a transistorized series regulator architecture for laboratory testing and equipment development. It delivers continuously variable output from 0 to 32 V at 0 to 2 A with automatic constant-voltage/constant-current transfer, backed by a monolithic IC control circuit with temperature-compensated reference diode and precision metal film resistors. The front panel 3-1/2 digit LCD meter displays either output voltage or current at 2 samples/sec, with an external input terminal for auxiliary voltage measurement. Output switching is electronically controlled and remotely commandable, eliminating contact chatter. Positive-acting constant-current limiting continuously adjustable from 10% to 100% of rated output protects against short-circuit faults and load transients. Voltage preset is verified directly on the output meter before switching on. Two units operate in parallel (master-slave mode) using supplied interconnect plugs to double current capacity, or in series configuration for extended voltage ranges. Technical Specifications Output Voltage: 0 to 32 V, continuously variable Output Current: 0 to 2 A Rated Power: 64 W Input Power: 100 V $\pm 10\%$, 50/60 Hz, single-

phase AC Apparent Input Power: Approximately 130 VA Voltmeter Accuracy: $\pm(0.5\%$ of reading + 2 digits) at $23 \pm 5^\circ\text{C}$ and $\leq 80\%$ RH Voltmeter Input Resistance: $100\text{ M}\Omega$ or greater (200 mV range); $1\text{ M}\Omega$ (2 V to 200 V ranges) Current Meter Full Scale: 10 k Ω /2 A Display Sampling Rate: 0.5 sec/sample (2 samples/sec) Key Features Monolithic IC-based control circuit with temperature compensation Electronic output switch with remote control capability Adjustable current limiting from 10% to 100% of rated current Front-panel meter selection (voltage or current display) External voltage measurement input Parallel and series operation support Typical Applications Component and subsystem characterization Prototype power distribution Load testing and burn-in evaluation Educational laboratory benches Compatibility & Integration Parallel operation pairs identical units in master-slave configuration. Series operation extends voltage ranges per manufacturer guidelines.

PAB322A Characteristics / Specifications

PARAMETER	VALUE
Model	PAB32-2A
Manufacturer	Kikusui Electronics
Instrument Type	Compact regulated DC power supply CV CC
Series	PAB
Alias	PAB 32-2A; PAB32-2A
Output Voltage	0 to 32 V
Output Current	0 to 2 A
Output Power	64 W
Operating Mode	CV and CC
Topology	series regulator analog
Display Classic	analog voltmeter and ammeter
Display Later Listing	LCD selectable voltage or current
External Voltage Measure	offered on LCD-style PAB listings
Output Terminals	binding posts / banana
Form Factor	compact benchtop
Family Role	PAB compact DC, below PAN/PAD power
Ripple Class	series-regulator low-ripple PAB family (confirm mVrms on the unit sheet)
Line Load Class	PAB analog regulation (confirm mV on the unit sheet)
Mains	AC line per nameplate (100 V class typical for PAB)
Cooling	convection class compact PAB
Ground	output polarity grounding per PAB manual
Protection	current limit / CC foldback class
Voltage Control	analog potentiometer
Current Control	analog potentiometer
Related PAB	other PAB xx-yA voltage/current pairs

PARAMETER	VALUE
Not PAD	PAB is the compact family; PAD-L is the high-power thyristor-preregulated family
Not PAN	PAN-A is the mid/high reliability rack family
Weight Class	compact benchtop (confirm on the unit)
Operating Temperature Class	lab 0 to 40 C typical Kikusui compact DC Notes Specs from Kikusui PAB32-2A identity (0-32 V, 0-2 A, 64 W CV/CC compact). Ripple and line/load millivolts belong on the PAB sheet for that revision (analog versus LCD). Confirm meter type and mains voltage on the nameplate.
Operating temperature	Class: lab 0 to 40 C typical Kikusui compact DC

General Specifications & Supplementary Characteristics

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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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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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.