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Data Sheet

August 13, 2026

KEPCO

Kepco BHK1000-0.2M

The Kepco BHK1000-0.2M is a high-voltage power supply designed for demanding applications. It delivers 0-1000V at 0-0.2A with exceptional stability and low ripple, making it suitable for precision instrumentation and research. Features include adjustable voltage and current limits, remote programming, and comprehensive protection against overloads and short circuits.



MODEL

Kepco BHK1000-0.2M

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

BHK1000-0.2M

LISTING

<https://aumictechlabs.com/products/bhk1000-0-2m-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Kepco BHK1000-0.2M is a 200 W DC power supply delivering 0–1000 V at 0–0.2 A with voltage and current stabilization and automatic crossover. Built on a hybrid architecture combining vacuum tube series control with solid-state reference and amplifier stages, this full-rack unit operates from single-phase AC input (105–126 V or 210–250 V AC, 50–65 Hz) and supports both local keypad control and remote programming via analog terminal strips or IEEE 488.2 GPIB interface. The unit features 12-bit control resolution, FET output stage, dual fusing protection (AC and DC), and operates across –20°C to +55°C ambient conditions. Output voltage displays to one decimal place; output current displays to three decimals. Selectable fast response mode disconnects output capacitance for improved transient performance in current source or rapidly programmed applications. The supply meets EN61010-1 safety requirements and carries CE

certification. Technical Specifications Output: 0–1000 V DC, 0–0.2 A DC; 200 W total Regulation: Voltage and current stabilized with automatic crossover Input: 105–126 V AC or 210–250 V AC, single phase, 50–65 Hz Programming: 12-bit control resolution across 0–10% of current rating Isolation: 1000 V DC (or p-p) plus maximum rated output voltage between chassis and either output terminal Operating Temperature: –20°C to +55°C ambient; –40°C to +85°C storage Output Display: Voltage to 0.1 V; current to 0.001 A Key Features Hybrid vacuum tube/solid-state design with FET output stage Dual operating modes: conventional filtering or fast response (capacitor disconnect) Local control via front-panel keypad Remote analog control via dual 10-position rear terminal strips IEEE 488.2 GPIB digital interface (24-pin female connector) AC and DC fusing; overload and short-circuit protection CE mark and EN61010-1 compliance Typical Applications Precision industrial test, measurement, and laboratory environments requiring high-voltage, low-current stabilized DC output with programmable control and rapid transient response. Compatibility & Integration Full-rack form factor (17" W × 15.90" D × 5.218" H). Analog and digital programming support simultaneous local and remote operation.

BHK100002M Characteristics / Specifications

PARAMETER	VALUE
Model	BHK 1000-0.2M
Manufacturer	Kepeco Inc
Instrument Type	High voltage linear programmable DC power supply
Series	BHK
Alias	BHK 1000-0.2M; BHK1000-0.2M; BHK 1000-0.2MG analog sibling
Rated Output Voltage	0 to 1000 Vdc
High Current Range	0 to 200 mA
Low Current Range	0 to 20 mA (MG class dual range)
High Range Power	200 W
Low Range Power	20 W
Stabilizer	automatic crossover voltage/current rectangular
Meters	analog (M); LCD on MG
Related GPIB	BHK 1000-0.2MG
AC Input	115 or 230 Vac switch selectable, 50/60 Hz
Outputs	front and rear terminals
Sense	rear terminals only
Voltage Display Class	one decimal on 1000 V models
Related 300 V	BHK 300-0.6MG 0 to 300 V 0 to 600 mA
Related 500 V	BHK 500-0.4MG 0 to 500 V 0 to 400 mA
Related 2000 V	BHK 2000-0.1MG 0 to 2000 V 0 to 100 mA
Form	full rack cross section bench or rack
Isolation	HV BHK withstand class (consult BHK operator table)
Programming	analog; GPIB on MG
Operating	indoor rack/bench
Agency	BHK-MG CE class on MG siblings Notes

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	full rack cross section bench or rack

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Notes

Specs from Kepco BHK-MG operator table (BHK 1000-0.2MG: 0-1000 V, 0-200 mA / 0-20 mA, 200 W / 20 W). M is analog-meter BHK 1000-0.2. ConfirmMversus MG GPIB/LCD and current-range switch.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<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.