

**Aumictech**

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Data Sheet

August 13, 2026

KEPCO

Kepeco MSK20-5M

Kepeco DC Power Supplies. Voltage: ** Selectable 105–125 V AC or 210–250 V AC, Current: ** 2.8 A @ 115 V.



MODEL

Kepeco MSK20-5M

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MSK20-5M

LISTING

<https://aumictechlabs.com/products/msk20-5m-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Kepeco MSK20-5M is a 100 W linear DC power supply delivering 0–20 V at 0–5 A with exceptional output stability and noise performance. Built around a high-gain series-pass stabilizer topology, it produces less than 0.5 mV rms ripple in voltage mode and maintains load regulation of 0.01% across its rated output. Dual 10-turn potentiometers provide fine resolution control of voltage and current, while a Preview switch enables offline pre-configuration with digital meter readouts before applying load. The unit accommodates both 115 V AC and 230 V AC input via selectable voltage taps, operates across 50–65 Hz line frequencies, and includes heavy-duty front-panel binding posts rated for wire or banana-plug termination. Remote programming via variable resistance is supported. A quiet low-speed fan manages thermal load, and the supply automatically crosses over between constant-voltage and constant-current modes. Designed to EN 61010-1 and UL 3101 Category 2 / Pollution Degree 2 standards, this Class 1 instrument is suitable for laboratory, manufacturing test, and precision measurement applications requiring stable, low-noise DC power. Rack mounting is possible with an adapter. Weighs 17.45 lbs.

Technical Specifications Output Voltage Range: 0–20 V DC Output Current Range: 0–5 A DC Maximum Power: 100 W Ripple & Noise (Voltage Mode): <0.5 mV rms, <3.0 mV peak-to-peak Ripple & Noise (Current Mode): <0.02%, <0.1% Load Regulation (Voltage Mode): 0.01% of 20 V max Load Regulation (Current Mode): 0.05% of 5 A max Line Regulation: 0.01% of rated value (voltage mode and current mode) 8-Hour Stability Drift: 0.01% (voltage), 0.02% (current) Temperature Coefficient: 0.01% per °C (voltage), 0.02% per °C (current) AC Input Voltage: Selectable 105–125 V AC or 210–250 V AC AC Input Frequency: 50–65 Hz AC Input Current: 2.8 A @ 115 V; 1.4 A @ 230 V Topology: Linear series-pass stabilizer with quiet built-in fan Key Features 10-turn voltage and current controls for high-resolution adjustment Preview switch for offline voltage and current pre-setting Automatic voltage/current mode crossover Heavy-duty binding posts (wire or banana-plug compatible) Remote programming via variable resistance Ground terminal connected to chassis and local earth ground Class 1 design with protective earthing per EN 61010-1 and UL 3101 Typical Applications Component and device testing requiring stable, low-noise DC power Laboratory instrumentation and precision measurement systems Manufacturing test stations and burn-in operations Research environments demanding minimal output ripple Compatibility & Integration Output connections accept standard laboratory wiring and banana plugs via front-panel posts. Remote programming is enabled through variable resistance input. Optional rack-mount adapter available for integration into test rack systems. Operates on worldwide AC mains with dual voltage selection.

MSK205M Characteristics / Specifications

PARAMETER	VALUE
Model	MSK 20-5M
Manufacturer	Kepeco Inc
Instrument Type	Linear bench DC power supply CV CC
Series	MSK
Alias	MSK 20-5M; MSK20-5M; MSK20-5
Rated Output Voltage	0 to 20 Vdc
Rated Output Current	0 to 5 A
Rated Power	0 to 100 W
Stabilizer	automatic crossover voltage/current
AC Voltage	105 to 125 / 210 to 250 Vac user selectable
Max Input Current	2.8 A rms at 115 Vac full load
AC Frequency	47 to 63 Hz
Error Sense	0.5 V per load wire
Voltage Recovery	50 us typical, 100 us max
Isolation	500 Vdc or peak output to ground
Leakage RMS	less than 5 uA rms at 115 Vac
Leakage PP	less than 50 uA p-p at 115 Vac
OVP	SCR crowbar 5 ms, tracks output
Voltage Control	10 turn precision rheostat
Current Control	10 turn precision rheostat
Remote Program	resistance programming of voltage and current
Meters	two 3.5 inch LCD
Cooling	1800 rpm low noise blower
Dimensions	5.75 by 8.125 by 13.156 inch
Weight Packed	19 lb (8.6 kg)

PARAMETER	VALUE
Input Connector	IEC detachable line cord
Output Connector	front binding posts plus rear barrier
Operating Temperature	0 to plus 45 C at full rating
Related MSK	MSK 60-2M 0 to 60 V 0 to 2 A 120 W Notes

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 to plus 45 C at full rating
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Related MSK	MSK 60-2M 0 to 60 V 0 to 2 A 120 W 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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Input Connector	IEC detachable line cord
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Specifications

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Operating Temperature	0 to plus 45 C at full rating
Related MSK 40	MSK 40-2.5M 0 to 40 V 0 to 2.5 A
Related MSK 10	MSK 10-10M 0 to 10 V 0 to 10 A

Related MSK 60: MSK 60-2M 0 to 60 V 0 to 2 A 120 W

Notes

Specs from Kepco MSK model table (MSK 20-5M: 0-20 V, 0-5 A, 100 W) and MSK general specifications. Confirm rear AC 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

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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.