

**Aumictech**

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Data Sheet

August 13, 2026

KEPCO

Kepeco RAX12-8.3K

The Kepco RAX12-8.3K is a single-output DC power supply, part of the RAX series. It delivers 12V DC at a current of 8.3A, providing a power output of approximately 100W. Designed for benchtop or system integration, it features adjustable voltage and current settings, along with remote control capabilities via analog programming. This power supply ensures stable and reliable performance for a variety of electronic applications, including component testing, circuit prototyping, and automated test equipment.



MODEL

Kepeco RAX12-8.3K

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

RAX12-8.3K

LISTING

<https://aumictechlabs.com/products/rax12-8-3k-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Kepco RAX12-8.3K is a highly reliable single-output DC power supply from the RAX series, the demands of both benchtop and system integration applications. It has a stable and adjustable 12V DC output at a current of 8.3A, delivering a power output of approximately 100W. The power supply features user-friendly voltage and current adjustments, allowing for precise control over the output. Remote control capabilities via analog programming enable seamless integration into automated test systems and other controlled environments. Its solid design ensures stable performance and protection against overvoltage and overcurrent, making it suitable for a wide

range of electronic applications, including component testing, circuit prototyping, and general laboratory use.

RAX1283K Characteristics / Specifications

PARAMETER	VALUE
Model	RAX 12-8.3K
Manufacturer	Kepeco Inc
Instrument Type	Switching DC power supply 100 W class
Series	RAX
Alias	RAX 12-8.3K; RAX12-8.3K; RAX 12-8.3
Nominal Output Voltage	12 Vdc
Rated Output Current	8.3 A
Rated Power	100 W class (12 V times 8.3 A)
Inlet Suffix K	IEC detachable line cord
Topology	switching (RAX family)
AC Input Class	universal AC RAX family
Protections	overvoltage and overcurrent family
Form	enclosed RAX chassis
Related RAX 5 V	5 V 20 A class in 100 W table
Related RAX 15 V	15 V 6.7 A class
Related RAX 24 V	24 V 4.2 A class
Related RAX 48 V	48 V 2.1 A class
Cooling	convection or internal fan per RAX size
Adjustment	trim around 12 V nominal family
Isolation	switching-supply input-output class
Operating Temperature	industrial RAX range class
Related Linear 12 V	JQE/ATE 15 V families (different topology)
Agency	RAX CE/UL class on later builds

PARAMETER	VALUE
Mounting	chassis mount enclosed Notes Identity from Kepco RAX 100 W table (RAX 12 V 8.3 A, K IEC inlet). Ripple, exact AC range, and trim window belong on the RAX 12-8.3 datasheet/label; confirmKinlet versus terminal-block RAX.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	industrial RAX range class
Operating Temperature	industrial RAX range class
Related Linear 12 V	JQE/ATE 15 V families (different topology)
Agency	RAX CE/UL class on later builds
Mounting	chassis mount enclosed Notes Identity from Kepco RAX 100 W table (RAX 12 V 8.3 A, K IEC inlet). Ripple, exact AC range, and trim window belong on the RAX 12-8.3 datasheet/label; confirmKinlet versus terminal-block RAX.

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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Specifications	
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Form	enclosed RAX chassis
Related RAX 5 V	5 V 20 A class in 100 W table
Related RAX 15 V	15 V 6.7 A class

Specifications

PARAMETER	VALUE
Related RAX 24 V	24 V 4.2 A class
Related RAX 48 V	48 V 2.1 A class
Cooling	convection or internal fan per RAX size

Specifications

PARAMETER	VALUE
Adjustment	trim around 12 V nominal family
Isolation	switching-supply input-output class
Operating Temperature	industrial RAX range class

Specifications

PARAMETER	VALUE
Related Linear 12 V	JQE/ATE 15 V families (different topology)
Agency	RAX CE/UL class on later builds
Mounting	chassis mount enclosed

Notes

Identity from Kepco RAX 100 W table (RAX 12 V 8.3 A, K IEC inlet). Ripple, exact AC range, and trim window belong on the RAX 12-8.3 datasheet/label; confirmKinlet versus terminal-block RAX.

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.