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1000 & 1500 Watts Single Output, Enclosed, Switching Modules Hot Swappable Plug-in Style, N+1 Redundancy Power Factor Correction, Wide Range a-c Inputs	

**PRR** .....72  
 1000 Watts  
 Fixed Output Ferroresonant-based Voltage Stabilizers  
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**TBC** .....74  
 300, 600, 1500 & 3000 Watts  
 Battery Chargers for 12V, 24V and 48V  
 Battery Plants. Built-in Float-Equalize Selector  
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 300, 600 & 1500 Watts  
 Zero-Up Voltage Programmability (0-110%)  
 Single Output Switchers with Wide Range  
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**HSM** .....89  
 1000 & 1500 Watts  
 20-110% Voltage Programmability  
 Single Output Switchers with Wide Range  
 a-c Input and Power Factor Correction

**PAT** .....93  
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**PTR** .....93  
 50 Watts  
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**JBW** .....96  
 10, 15, & 30 Watts  
 Single Output L-chassis, Optional Enclosure  
 Wide Range a-c Input

**RKW OPEN FRAME** .....99  
 30, 50, 100 & 150 Watts  
 Single Output, Optional Enclosure Switching Modules  
 Wide Range a-c Input

**FAW** .....105  
 15, 25, 50, 100 & 150 Watts  
 Single Output, Optional Enclosure Low-Profile  
 Switching Modules  
 Wide Range a-c Input

**KRW** .....108  
 40 Watts  
 Triple Output Card-Type Power Supplies  
 Wide Range a-c Input

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 Fixed Output Ferroresonant  
 Voltage Stabilizer Modules

**RAX** .....121  
 50, 100, 175 & 300 Watts  
 Single Output, Enclosed Switching Modules  
 Selectable a-c Input

**RCW** .....125  
 350, 750 & 1500 Watts  
 Single Output, Enclosed Switching Modules.  
 Power Factor Correction. Wide Range a-c Input

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# WHAT'S NEW IN THIS CATALOG



## **SERIES ATE-DMG.....28**

The ATE-DMG are a digitally-controlled version of the 1000 watt ATE-series power supply. A front panel keypad offers local control. External control is by the built-in GPIB. A 2-line LCD displays settings and actual outputs.



## **SERIES BHK-MG HALF RACK ..... 15**

BHK-MG are offered in two series, a 40 watt half rack design and a 200 watt full rack product. Both are high voltage models with a new linear MOSFET output stage. A GPIB interface and digital-control keypad are built-in, as is an LCD screen to display settings and actual output values. To retain backwards compatibility with the analog BHK models, the new BHK-MG have analog together with digital control capabilities. The half rack 40 watt models are modern replacements for Kepco's 20 watt APH series high voltage power supplies.



## **SERIES BOP HIGH POWER .....44**

The new BOP High Power models provide 1000 watts of bipolar 4-quadrant power. Like their linear cousins in the 100, 200 & 400 watt sizes, the High Power BOP are fully programmable as sources and sinks. Their switch-mode design offers high efficiency and energy recuperation while sinking maintains that efficiency over all 4 quadrants.



## **SERIES HSF 1U.....62**

The HSF are plug-in power modules for multi-output rack assemblies or redundant paralleling of multiple modules. The new 1U rack can house up to four 50-100 watt modules.



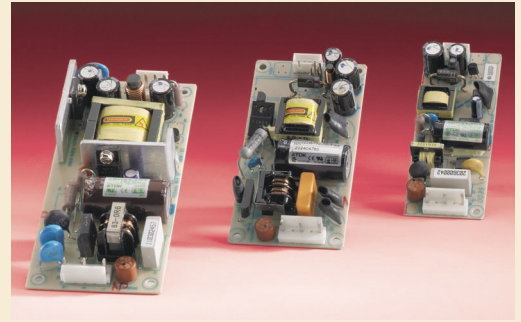
## **SERIES HSF 350 WATT.....62**

The 350 watt HSF plug-in modules rack 3-abreast or can be combined with smaller plug-in modules for do-it-yourself multi-output power racks.



**SERIES JBW.....96**

JBW are comprised of three groups of affordable power supplies: 10, 15 and 30 watts in a PC card-style package. They offer fixed output voltages from 3.3 to 24V d-c for space and cost-sensitive OEMs. They operate from any a-c mains in the range 85-265 V a-c or a d-c input in the range 110-370V d-c.



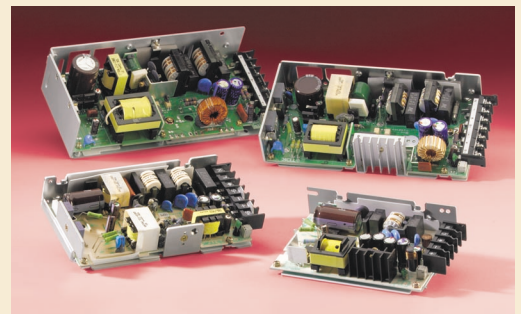
**SERIES RKW PROGRAMMABLE.....83**

The programmable series RKW are industrial grade single-output power supplies in the 300, 600 & 1500 watt sizes. They provide single d-c outputs from 0-3.3V to 0-48 Volts from a-c mains of 85-265V a-c with Power Factor Correction (PFC). All models feature overvoltage and overcurrent protection, remote on-off and master-slave paralleling with current balance.



**SERIES RKW OPEN FRAME.....99**

The open frame RKW are industrial grade single-output power supplies in the 30, 50, 100 & 150 watt sizes. They provide single d-c outputs from 3.3V to 48 Volts from a-c mains of 85-265V a-c and except for the 30 watt models are equipped with Power Factor Correction (PFC). They are convection cooled L-chassis construction with optional metal enclosures.



**DIN-RAIL MOUNTING.....129**

Many Kepco power supplies may be equipped with clips for mounting in various positions on DIN-Rails.



# ORDERING INFORMATION

**QUOTATIONS** – Formal quotation numbers will be assigned to all RFQs. Please reference this number when placing an order, particularly if it is for a non-standard product or service. Quotations will be valid for 30 days.

**PRICING** – Kepco follows a policy of offering the same published price and discount schedule to all domestic customers. All prices are "Ex-Works" Kepco's factory in Flushing, New York. Discounts are offered on same-model quantities only. Purchasers of larger quantities of mixed models should consider entering into a "master-order" agreement with Kepco. Accredited schools may qualify for an educational discount. Please contact the sales department for details.

**ORDERS** – All orders are subject to approval and acceptance by Kepco, Inc. All orders will be entered using the standard pricing tables unless accompanied by a quotation. All orders must be made out to Kepco, Inc. No orders from domestic customers will be accepted made out to, or in care of, a sales representative organization. International customers are expected to place their orders directly with their authorized Kepco distributor. Terms are *net 30 days*. New customers may open an account by the submission of three commercial credit references and a bank reference. Please allow 1-2 weeks for verification. For immediate shipment, payment in advance by check or credit card is accepted. Kepco accepts VISA, MASTERCARD, AMERICAN EXPRESS and DISCOVER. The maximum that can be charged is \$5,000; the minimum is \$35. Subject to credit verification.

**E-COMMERCE** – Kepco's extensive selection of power supplies can be ordered on the Web! The Web site [www.kepcopower.com](http://www.kepcopower.com) offers up-to-date specs on all models with an interactive selection guide. The e-commerce feature allows you to place an order, securely charged to a major credit card, on-line. The web site also offers on-line manuals, downloadable software drivers for programmable models, and personal product support. Ask a question and get a personal answer from Kepco's engineers. We've made it easy for you to do business with Kepco, to get answers to your questions and support when you need it.

**ORDER CANCELLATIONS** – Orders for products to be custom modified, specially painted, or altered to specification are not cancellable and such products are not returnable.

**SHIPPING** – Our usual carrier within the continental USA is Fed Ex Ground. We also offer UPS to areas local to our New York factory or to other states when specifically requested. Common carrier motor freight will be used for heavier shipments. Airfreight, overnight, second day and deferred air cargo are available on either a prepaid or collect basis. Federal Express is our preferred air carrier. All shipments are insured unless otherwise specified on the order.

**WARRANTY** – Kepco products are backed by either a *one-year* or *five-year* warranty as specified in this catalog. This warranty covering both parts and labor is honored at our factory service department or at authorized service facilities in strategic cities around the world. Consult your local Kepco sales representative concerning the availability of local service. Products returned for attention under warranty must be shipped with all transportation costs prepaid. Kepco will pay the cost of domestic surface transportation back to the owner. Please obtain an RMA (Return Material Authorization) number before returning any product for service.

**PARTS** – Customers wishing to do minor warranty service at their own facility may obtain service parts without cost by contacting Kepco's customer service department. When ordering parts, please use the identifying Kepco part number and provide the model and serial number of the instrument for which they are

intended. Please do NOT return defective parts to Kepco unless specifically requested to do so and authorization tags have been provided to you.

**INSTRUCTION MANUALS** – All Kepco products are provided with documentation. Hardware items are packed with a simple instruction sheet. Low-cost, high-volume products are shipped with short-form instruction sheets to explain how to connect and use the product. Instrumentation products are shipped with comprehensive operating/service manuals. One manual is packed with each unit. Kepco will provide a second copy without cost if specified on the purchase order. Additional copies are available at nominal cost.

**REPRODUCTION** – All Kepco literature and technical data is copyrighted. Written permission should be obtained for reproduction of technical data.

**RETURNED GOODS (restocking)** – If equipment has been ordered in error, Kepco will consider its return provided that it is a new, unused standard product and notice of the error is received within 30 days of the shipment. Equipment accepted for return will be subject to a restocking fee to cover inspection and mandatory re-testing. The minimum restocking fee is 10% of the original sales price or \$50.00/unit whichever is greater. The restocking fee for units selling under \$100.00 will be 33% of the selling price. Contact the factory for an RMA (Return Material Authorization) number before returning any item. The customer is responsible for both the outgoing and incoming shipping charges. Products that have been custom-modified, specially painted, built-to-order or altered to specifications, are not returnable.

**SOURCE INSPECTION** – Kepco will make available facilities for in-plant inspection on finished goods only. The charge for this service is 3.5% of the sales price or \$125.00/unit whichever is greater. Add \$100.00 per destination for shipments requiring form DD-250. Source inspection is NOT available on orders for replacement parts.

**OVERSEAS POWER** – Most Kepco power supplies are equipped for simple source-voltage selection or have a wide-range a-c input. Some models have an internal 115/230V a-c selector. For these models, you may request the factory to do the 115 to 230V a-c conversion for you at a cost of \$75.00 per unit. Note: Some models are clearly identified in this catalog as suitable for 115V a-c mains power only. It is the buyer's responsibility to choose appropriate models.

**SPECIAL FEATURES** – Feel free to consult our applications engineers with your requirements. Our staff of specialists is happy to provide assistance in the alteration of our products to your requirements. Kepco will identify specially modified instruments with a unique identification number and will provide a written quotation. This number should be used when ordering.

**GENERAL** – In Kepco's 56 years of experience designing power supplies of every description, many patents have been issued covering unique features. Applicable patent numbers will be furnished on request. Kepco power supplies and power assemblies are materials that are inert to fungi growth. We have received ISO 9001 certification #109592 from Lloyds Register of Quality Assurance. Notice: The specifications in this catalog and pricing in the associated price list are subject to change without notice or obligation.

**COMMUNICATIONS** – Please address all mail to Kepco, Inc., 131-38 Sanford Avenue, Flushing New York 11352 USA. E-mail: [hq@kepcopower.com](mailto:hq@kepcopower.com); Telephone: (718) 461-7000; Fax: (718) 767-1102. If you know your party's extension, you can by-pass our switchboard by dialing (718) 461-7006 plus the 4-digit extension. Office hours are 8:30 to 5:00 PM Monday-Friday. For online help, visit our interactive Web site at [www.kepcopower.com](http://www.kepcopower.com).



# A TRADITION OF INNOVATION, RELIABILITY & SERVICE



The Kupferberg Family, owners of Kepco, Inc.: Max, Jesse, Saul, Martin, Seth, Mark and Jack.

*Kepco is pleased and proud to present our latest catalog, which presents several new and exciting products along with many "old reliables," all of which will provide a lifetime of reliable service in your power supply application.*

*From the first Kepco Model 103, to the first all transistorized power supply, to the first fast programmable power supply, to the first bipolar (four-quadrant) power supply all the way to the products presented in this catalog, the founding Kupferberg family and Kepco's many experienced and capable employees have personally maintained a 56-year tradition of quality, innovation and customer service.*

*It is today's cliché to speak of a company's products and service as "world class." Kepco has been and continues to be committed to the philosophy of designing and manufacturing DC power supplies that meet and even exceed the requirements of the world market, long before "world class" became buzz words.*

*Our new products, such as the BOP High Power (Bipolar Operational Power Supply), the universal input, Power Factor Corrected RKW series and the low cost, universal input JBW series, are only the latest manifestations of this philosophy. Our network of sales representatives, our experienced internal customer service team, our Web Site ([www.kepcopower.com](http://www.kepcopower.com)), which features complete product specifications, downloadable service manuals, online ordering and much more and our worldwide network of servicing distributors all insure that Kepco's full support is available both before and after your purchase.*

*Whether your DC power supply needs are "rack and stack" instrumentation, bench-top, OEM switch-mode, ferroresonant or for a custom Power Assembly configured for your requirements, give us a call or check us out online.*

*We're ready to help.*

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Vice President Sales/Marketing  
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