

KEPCO POWER SUPPLIES

Instrumentation and Modular Power Supplies
for System, Bench and the OEM

NEW
SERIES KLN 750W
POWER SUPPLIES



KEPCO, INC.

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A TRADITION OF INNOVATION, RELIABILITY AND SERVICE... AT YOUR CALL.

Kepeco, Inc., one of the founders of the modern power supply industry, has introduced many innovative products to the market: operationally programmable power supplies, bipolar power supplies, fast-slewing power supplies and a multi-power supply digital control bus for long range control applications. Today, we take pride in some new and innovative power products that continue to expand the options for systems designers.



SERIES KLN
750W Power Supplies

Kepeco introduces its new Series KLN 750 Watt power supply. It is the first product in what will be a new family of automatic crossover, low-profile, high-performance, low-cost programmable power supplies. The KLN offers 750 Watts of stable d-c power in a 1U high, half-rack package. Analog and RS 485 control are standard with GPIB or Ethernet digital control as factory installed options. A speed controlled fan limits acoustic noise for bench top applications.

The EL Series, a line of modular air-cooled, DC electronic loads used to test power sources such as batteries, power supplies, generators, chargers, fuel cells, etc. Power ratings start at 1KW; standard models have maximum test capabilities of 50, 200, 400 and 600 volts. High current and power operation are achieved via parallel connection in a master/slave configuration. Individual modules are capable of up to 5KW and 600 amperes. Local, Remote Analog Control and USB are standard; GPIB and Ethernet are optional.



SERIES EL
1KW-5KW Electronic Loads



SERIES KLP
1200W Power Supplies



The KLP series is a 1200 watt laboratory grade power supply in which the voltage/current limits are automatically recalculated, forming a constant-power hyperbolic boundary between voltage and current modes. The Rapid Output Discharge Circuit (RODC) option is now available on all KLP models. This circuit rapidly discharges the output capacitance, significantly reducing response time to reductions in output voltage.



SERIES KDN
120W, 240W, 480W Power Supplies

KDN is a series of low cost, UL 508 listed, DIN-Rail mounted power supplies consisting of three 24 Volt output models rated at 5, 10 and 20 Amps. The KDN series offer 90-264 V a-c input with PFC, 23.5-28 Volt adjustment range and a 120% peak current capability for up to one minute with no forced air cooling required.

Kepeco's RMW series are 300 Watt general-purpose, U-chassis, convection cooled, single and triple output power supplies. Their small size and low profile make them ideal for small spaces. PFC is standard and they are RoHS compliant.



SERIES BOP 1KW
Bipolar, 4-Quadrant Power Supplies

Our bipolar, 4-quadrant BOP power supplies use switch mode technology with efficiency enhanced by recuperating sink energy for re-use. Keypad controls allow for automatic creation and display of various waveforms and complex patterns. The "GL" option of the 1KW BOP is optimized for exceptionally low current ripple and noise and improved stability (drift and temperature), making them ideal for driving inductive loads such as large magnets or motors.

Our standard 200 and 400 Watt BOP models are available with two options; optimizing the BOP for driving inductive loads up to 1 Henry (suffix "L") or for capacitive loads up to 10 mF (option "C").

The HSF Series of plug-in power modules range from 50 to 1500 watts in 1U (1.75") and 3U (5.25") housings. These are ideal for N+1 redundancy applications or multiple output assemblies. All models have active PFC and are NEBS TR-WWT-4063 qualified.



If you need low-cost OEM power modules or sophisticated digitally-controlled voltage or current, scan with your smartphone or

visit www.kepcopower.com.





SERIES BOP 1 KILOWATT

d-c bipolar power
1KW

- Source & sink, 4 quadrant operation.
- Fast analog/digital programming.
- GL option for enhanced precision.
- Precision stabilization: 0.05% source, 0.1% load.
- Built-in arbitrary waveform generator.

www.kepcopower.com/bophi.htm



SERIES BOP

d-c bipolar power
200-400 watts

- Source & sink, 4 quadrant operation.
- Fast analog programming standard; GPIB optional.
- Precision stabilization: 0.001% source, 0.002% load.
- Optional optimization for inductive (-L) or capacitive (-C) loads.

www.kepcopower.com/bop.htm



SERIES EL

d-c electronic loads
1KW-5KW

- 4U Height. • Parallel Operation.
- Up to 600 Volts DC.
- Up to 600 Amperes/Module.
- Constant E, I, P, I/E, E/I.
- Air Cooled.
- Single & Dual Channel Models.

www.kepcopower.com/el.htm



SERIES BHK-MG

d-c programmable high voltage power
40, 200 watts

- Keyboard controlled, GPIB remote digital programming / fast analog programming.
- 0-300V, 0-500V, 0-1000V, 0-2000V.
- Precision stabilization: 0.005% voltage, 0.015% current.

www.kepcopower.com/bhkmg.htm



NEW

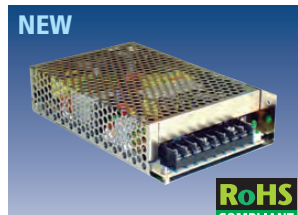
RoHS
COMPLIANT

SERIES RMW

d-c modular power
300 watts

- Single and triple output models.
- Universal a-c input with PFC.
- Convection cooled.
- Full 300 Watt operation up to 50°C ambient.

www.kepcopower.com/rmw.htm



NEW

RoHS
COMPLIANT

SERIES SNP (-C) (-G)

d-c modular power
30-300 watts

- Peak power capability to 400 watts.
- Single and multiple outputs.
- Low cost.
- Power-on LED.

www.kepcopower.com/snp.htm



UL
508
LISTED

RoHS
COMPLIANT

SERIES KDN*

d-c modular power
120, 240, 480 watts

- 24V d-c, 23.5-28 Volt output adjustment range.
- Wide range a-c input with active PFC.
- 90% efficiency typical @230V a-c.

www.kepcopower.com/kdn.htm



SERIES HSF

d-c plug-in, hot swappable power
50-1500 watts

- Wide range a-c input with PFC.
- Built-in isolation diodes for hot swap.
- Current share for N+1 redundancy.
- Mount 4-8 abreast in 3U x 19" housing.
- Mount 4 abreast in 1U housing.

www.kepcopower.com/hsf.htm



SERIES HSP

d-c plug-in, hot swappable power
1000-1500 watts

- Wide range a-c input (1000W models).
- Power factor correction.
- Current share for N+1 redundancy.
- Mount 3 abreast in 3U x 19" housing.

www.kepcopower.com/hsp.htm



SERIES RTW*

d-c modular power
50-300 watts

- Wide range a-c input with active PFC.
- Low profile, optional cover factory installed.
- FCC Class B conducted and radiated emissions.

www.kepcopower.com/rtw.htm



RoHS
COMPLIANT



NEW

SERIES KLN

d-c modular power
750 watts

- Low profile (1U height, 1/2 rack).
- Low cost.
- Speed controlled fan limits noise for bench-top applications.
- Programming by Analog, RS 485 GPIB* or Ethernet* control.

* Optional

www.kepcopower.com/klm.htm



SERIES KLP

voltage, current and power-limited
operating boundaries
1200 watts

- GPIB, RS 232 & isolated analog control standard.
- LXI compliant, Ethernet control optional.
- True 1U height - full power operation with no spacing between units.

www.kepcopower.com/klp.htm

LXI



SERIES ATE

d-c unipolar power
50-1000 watts

- Conventional filtering or high speed mode (up to 1 Volt per microsecond), user selectable.
- Precision stabilization: 0.001% source, 0.002% load.

www.kepcopower.com/ate.htm



SERIES MST

d-c programmable system power
200 watts

- Plug-in up to 9 units in 4U x 19" rack.
- GPIB, long range serial bus, VXI.
- N+1 redundancy, hot swap capability.
- Precision stabilization: 0.002% voltage, 0.02% current.

www.kepcopower.com/mst.htm



NEW

RoHS
COMPLIANT

SERIES SWS

d-c modular power
50-1000 watts

- Power factor correction.
- Low cost.
- Universal Input (85-265V a-c)
- Input Transient Protected

www.kepcopower.com/sws.htm

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