

BOP: NOW WITH DUAL CHANNELS!

NEW! BOP DUAL CHANNEL BIPOLAR MAGNET SUPPLIES controlled from Ethernet/LAN



Kepco's new BOP-E Dual Channel Series of Ethernet-controlled 200W and 400W BOP linear bipolar power supplies deliver fast, ultra quiet and clean bipolar power.

Kepco's BOP-E's models can be controlled from anywhere over Ethernet or LAN.

Communication is either through a web page or by using SCPI commands via LabView and Telnet.

Available in inductive and capacitive load optimized versions

The Dual-Channel BOP-E is the newest addition to Kepco's line of Ethernet/LAN controlled power supplies and electronic loads.

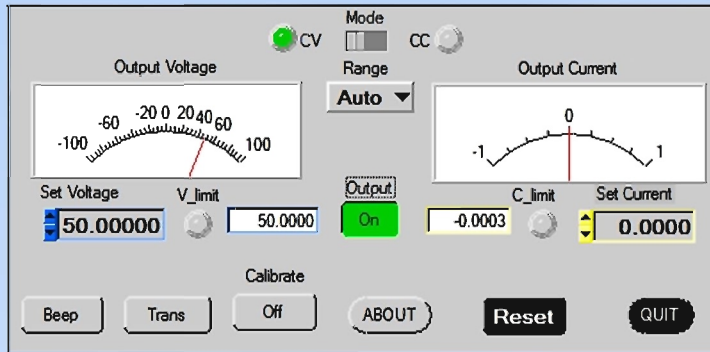
- KLP-E 1200 watt, IU unipolar power supplies
- KLR-E 2400 watt, IU unipolar power supplies
- KLN-E 750-15,000 watt unipolar power supplies
- EL-E electronic load, from 1 to 50KW
- BOP-E Single Channel Bipolar power supplies:
100W, 200W, 400W, 1kW, 1.5kW, 3 - 7.5kW

More Information: www.kepcopower.com/prod-e.htm

FEATURES

- True 4-Quadrant Programmable Voltage and Current Power Supplies.
- 9 Standard Models:
= 0-5 Volts to $\pm 0-100$ Volts per channel.
= 0-5 Amps to $\pm 0-20$ Amps per channel.
- Dual-range 16-bit interface provides 15 bits of resolution for both full and quarter scale of output.
- Setup using a web page.
- Power supply control via web pages and socket interfaces.
- Arbitrary waveform generator supporting multiple dwell times from web page or driver calls.
- Labview G and C drivers
- LXI Version 1.4 Compatible.
- Soft Calibration.
- Inductive and Capacitive load optimized versions.
- EPICS Driver (Linux Compatible).





Full control via Ethernet using soft panel included with LabWindows CVI 2013 driver.

- Power supply control via web pages and socket interfaces.
- Discovery: MDNS (Bonjour -like the printer discovery) and VXI-11 (National Instruments Ni Max, Agilent io controller)
- IP address support: DCHP, AUTOIP and Static IP (using Web Page)
- Connections: SOCKET @ port 5025 and TELNET @ port 5024
- Connection throughput: 25 milliseconds



BOP DUAL CHANNEL 2X SERIES 200W, 400W MODEL TABLE								
MODEL ⁽¹⁾	d-c OUTPUT RANGE		CLOSED LOOP GAIN		OUTPUT IMPEDANCE			
	E _O MAX.	I _O MAX	VOLTAGE CHANNEL G _V (V/V)	CURRENT CHANNEL G _I (A/V)	VOLTAGE MODE		CURRENT MODE	
					SERIES R	SERIES L	SHUNT R	SHUNT C
200 WATTS (100 WATTS/CHANNEL)								
BOP 2X5-20DE	0 to ±5V	0 to ±20A	0.5	2.0	10μΩ	4μH	5kΩ	30.0μF
BOP 2X20-5DE	0 to ±20V	0 to ±5A	2.0	0.5	80μΩ	20μH	40kΩ	0.05μF
BOP 2X50-2DE	0 to ±50V	0 to ±2A	5.0	0.2	0.5mΩ	100μH	50kΩ	0.05μF
BOP 2X100-1DE	0 to ±100V	0 to ±1A	10.0	0.1	2.0mΩ	200μH	100kΩ	0.05μF
400 WATTS (200 WATTS/CHANNEL)								
BOP 2X20-10DE	0 to ±20V	0 to ±10A	2.0	1.0	40μΩ	50μH	20kΩ	0.01μF
BOP 2X36-6DE	0 to ±36V	0 to ±6A	3.6	0.6	120μΩ	50μH	36kΩ	0.01μF
BOP 2X50-4DE	0 to ±50V	0 to ±4A	5.0	0.4	0.25mΩ	100μH	50kΩ	0.05μF
BOP 2X72-3DE	0 to ±72V	0 to ±3A	7.2	0.3	0.48mΩ	200μH	72kΩ	0.05μF
BOP 2X100-2DE	0 to ±100V	0 to ±2A	10.0	0.2	1.0mΩ	200μH	100kΩ	0.05μF
(1) Options - L: Inductive load optimization, C: Capacitive load optimization								