

INSTRUMENTATION || POWER SUPPLIES

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PROGRAMMING CHARACTERISTICS								
	Design Group	Page Index	Analog Resistance	Analog Operational	Analog Fast	Digital RS 232	Multi-Instr. Serial Bus	Digital IEEE 488
UNIPOLAR	BHK-MG	15	•	•	•			•
	ABC	19						•
	ATE	22	•	•	•			• (1)
	ATE-DMG	28						•
	JQE	31	•	•				• (1)
	MAT	34				• (1)	•	• (1)
	MPS	36						
	MSK	38	•					
	MST	40				• (4)	•	• (4)
BIPOLAR	BOP HIGH	44	•	• (6)		•	•	•
	BOP	50	•	•	•	• (5)	• (2)	• (3)
	BOP-HV	56	•	•	•			• (1)
SPECIAL PURPOSE	HSF	62	•					
	HSP	67	•					
	PRR	72						
	TBC	74	•					

- (1) Requires the use of an external programming accessory.
- (2) Requires internal card BIT TMA-27.
- (3) Requires internal card BIT 4882 or BIT 4886.
- (4) Requires plug-in interface MST 488-27.
- (5) Requires internal card BIT 232.
- (6) Programmable by voltage, not isolated.

Kepeco Instrumentation Power Supplies Characteristic Selection Charts

The five charts that follow summarize the principal characteristics of Kepeco's instrumentation type power supplies.

Tables are included for their programming characteristics (analog and digital), their physical characteristics, electrical output characteristics plus output power and voltage ranges.

The purpose is to help you select an appropriate power supply for your application and to point you toward the correct pages in this catalog where a full description may be found.

The digitally controlled power supplies require some additional explanation as there are many modes of communication (RS 232, IEEE 488.2 and Kepeco's single address, multiple instrument serial bus). A number of Kepeco accessories translate between buses and link various power supplies to the common host computers used in test systems.

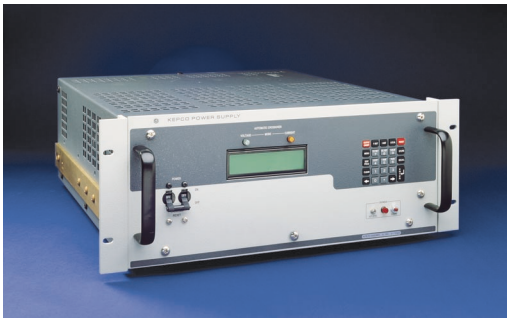


Kepeco's facility in Flushing, New York, has received ISO 9001 certificate number 109592 from Lloyd's Register of Quality Assurance.





Model ABC - Bench Style



Model ATE- DMG - Rack Mount



Model BOP - CV/CL, CC/VL



Model BOP High Power - CV/CL, CC/VL

PHYSICAL CHARACTERISTICS

	Design Group	Page Index	Bench Style	Wall Mount	Rack Mount	Plug-in Rack
UNIPOLAR	BHK-MG	15	• (1)		•	
	ABC	19	•		•	
	ATE	22	• (2)		•	
	ATE-DMG	28			•	
	JQE	31	• (3)		•	
	MAT	34			•	•
	MPS	36	•		•	
	MSK	38	•		•	
	MST	40				•
BIPOLAR	BOP HIGH	44			•	
	BOP	50	•		•	
	BOP-HV	56			•	
SPECIAL PURPOSE	HSF	62				•
	HSP	67			•	•
	PRR	72			•	
	TBC	74		•	•	

- (1) 40W models are half rack/bench style.
 (2) 1/4, 1/2 and 3/4 rack models are rack/bench style.
 (3) 1/4 and 1/2 rack models are rack/bench style.

ELECTRICAL OUTPUT CHARACTERISTICS

	Design Group	Page Index	CV/CL (1)	CC/VL (1)	CV/CC (1) (Autocrossover)	Fast Voltage Slew (2)
UNIPOLAR	BHK-MG	15			•	•
	ABC	19			•	
	ATE	22			•	•
	ATE-DMG	28			•	
	JQE	31	•			
	MAT	34			•	
	MPS	36	•			
	MSK	38			•	
	MST	40			•	
BIPOLAR	BOP HIGH	44	•	•		
	BOP	50	•	•		•
	BOP-HV	56	•	•		•
SPECIAL PURPOSE	HSF	62	•			
	HSP	67	•			
	PRR	72	•			
	TBC	74	•			

- (1) CV/CL = Constant Voltage/Current Limit.
 CV/CC = Constant Voltage/Constant Current (a design referred to as Automatic Crossover).
 CC/VL = Constant Current/Voltage Limit.
 (2) Fast voltage slewing capability makes possible true constant current operation with fast recovery.



POWER RANGE WATTS			10	20	50	100	200	500	1000	2000
	Design Group	Page Index								
UNIPOLAR	BHK-MG	15								
	ABC	19								
	ATE	22								
	ATE-DMG	28								
	JQE	31								
	MAT	34								
	MPS	36								
	MSK	38								
	MST	40								
BIPOLAR	BOP HIGH	44								
	BOP	50								
	BOP-HV	56								
SPECIAL PURPOSE	HSF	62								
	HSP	67								
	PRR	72								
	TBC	74								



Model HSF - 50-350 Watt



Model MST - 200 Watt

VOLTAGE RANGE (0 to ___) VOLTS			10	20	50	100	200	500	1000	2000
	Design Group	Page Index								
UNIPOLAR	BHK-MG	15								
	ABC	19								
	ATE	22								
	ATE-DMG	28								
	JQE	31								
	MAT	34								
	MPS	36								
	MSK	38								
	MST	40								
BIPOLAR	BOP HIGH	44								
	BOP	50								
	BOP-HV	56								
SPECIAL PURPOSE	HSF	62								
	HSP	67								
	PRR	72								
	TBC	74								



Model BHK-MG - 0-2000V



Model HSP - 3.3~ 48V

