

## Power-to-go...anywhere!

Test drive the new Sports Utility Version, of Kepco's 9-channel MST Power Supply — 200 watts of precision, programmable d-c power per channel that's ready to travel.

- a-c input source (100-240V a-c) when you're in the lab.
- d-c input source (28-48V d-c) when you're in the field.

This is a rugged, go-anywhere, off-road package that's comfortable out on the tarmac, in a depot, or wherever GPIB/VXI-controlled d-c is needed for service or test.

Kepco's off-road SUV version of the MST power supply system provides nine plug-in 200 watt d-c modules rated from 0-6V, 0-20A to 0-150V, 0-1.2A. The ruggedized housing provides a selectable a-c or d-c input.

AN ISO 9001 COMPANY



**KEPCO**

THE POWER SUPPLIER™  
SINCE 1946

# power-to-go!



# THE MST *Sports utility package*

The perfect combination of power and portability.



MST power modules are a group of programmable power supplies that are compatible with Kepco's single address, multiple instrument serial control bus. The MST provide precision interactive control in the 200 Watt power class. The housing for MST, RA 55, contains a slot to accommodate an IEEE 488.2 adapter. If not used, a ninth MST power module may be plugged into that slot.

A variety of d-c to a-c inverters may be ordered to allow the MST to be vehicle-powered with 28-48V batteries. Please consult the factory for availability options. Purchased without the optional d-c to a-c inverter, the

Kepco MST operate from any a-c mains from 85-264V a-c and, with the built-in power factor correction (PFC) circuit, meet EN 60555-2 for harmonics.

Kepco's MST, in its rugged go-anywhere enclosure, is offered by ARGOSystems (a subsidiary of the Boeing Company) with its VXI Portable Ruggedized Test System (PRTS), Model AS-2000.



## MST MODEL TABLE

SPECIFICATION UNIT	OUTPUT VOLTAGE	OUTPUT CURRENT			RIFPLE		EFFICIENCY
		Amps			mV p-p		
CONDITION	Adjusted Range	45°C	55°C	65°C	Source (1)	Switching (1)	Percent 100% Load 120V a-c
<b>200 WATT PLUG-IN MODELS</b>							
MST 6-20M	0-6	20	16	12.0	2.5	5	51%
MST 15-12M	0-15	12	9.6	7.2	5	10	61%
MST 25-8M	0-25	8	6.4	4.8	5	10	62%
MST 36-5M	0-36	5	4.0	3.0	5	10	63%
MST 55-3.5M	0-55	3.5	2.8	2.1	5	10	64%
MST 75-2.5M	0-75	2.5	2.0	1.5	7.5	15	64%
MST 100-2M	0-100	2	1.6	1.2	7.5	15	66%
MST 150-1.2M	0-150	1.2	1.0	0.7	7.5	20	66%

(1) Includes spike noise to 20MHz.



For more information about Kepco's Sports Utility Package MST, contact Frank Toich at 718-461-7006, ext. 5140. Civilian versions also available.

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## FEATURES:

- Plug-in construction.
- Up to nine 200-watt power supplies in a 4U housing.
- Optional GPIB interface connects (8) eight MST modules to a single GPIB (IEEE 488.2) address with the capacity to control up to 19 additional power supplies.
- Switch-mode conversion, linear post regulator.
- Wide range a-c input: 88-264V a-c with built-in power factor correction (PFC).
- Forced current sharing for N+1 redundancy connection.



**THE POWER TO MAKE IT WORK**