

DC Power Supply Model AX502



Cat. #2130.06

DC Power Supply, dual outputs, 0 to 2.5A; 0 to 30V_{DC}

Displays both voltage and current for each output. Includes dual 30V outputs, Coarse and Fine voltage adjustment, and a current limiting adjustment. Offers a unique master/slave tracking arrangement in which the ratio between the master and slave can be set up on the fly as needed during the test.

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VOLTAGE	
Range Available	2 x (0 to 30V) or 1 x (0 to 60V) + TRACKING
Adjustment	Coarse and fine by potentiometers
Display	Green LEDs
Resolution	0.1V
Accuracy	$\pm 0.5\% R \pm 1\text{ct}$
Stability if Variation:	
Mains $\pm 10\%$	$\pm (0.03\% R + 2\text{mV})$
0 to 2.5A Load	$\pm (0.02\% R + 5\text{mV})$
Residual Ripple in Load < 1mVrms	$\pm 1\text{mVrms}$
Common Mode Voltage	60V peak
Protection Against Short-circuit	Current electronic limitation
Coupling of Outputs	Series or parallel
"TRACKING" (master/slave)	Yes
CURRENT	
Range Available	2 x (0 to 2.5A) or 1 x (0 to 5A)
Adjustment	By potentiometer
Display	Red LEDs

For more details, download the datasheet or user manual at www.aemc.com

Resolution	10mA
Accuracy	± 0.5% of R ± 1ct
Output Current Limitation	Adjustable from 0 to 2.5A
Indication of Limitation	LED
Short-Circuit Protection	Current limitation
Protection Against Overheating	Yes
GENERAL FEATURES	
Display	7 segments 0.56" (14.2mm); Volt: Red, Ampere: Green
Supply	115V ± 10% 50/60Hz (220V available)
Dimensions (HxWxD)	10.6 x 8.86 x 4.72" (270 x 225 x 120mm)
Weight	9.9 lbs
Operating Temperature	50° to +104°F (10° to +40°C)
Storage Temperature	-4° to +158°F (-20° to +70°C)
Operating Humidity	80% up to 104°F (40°C)
Pollution Degree	2
Ingress Protection (IP)	IP20
EMC	EN 61326-1
Safety Compliance (Supply)	EN/IEC 61010-1 to 300V CAT II
Safety Compliance (Output)	EN/IEC 61010-1 to 100V CAT I



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