

## DC Power Supply Model AX502



Cat. #2130.06

**DC Power Supply, dual outputs, 0 to 2.5A; 0 to 30V<sub>DC</sub>**

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	± 0.5% R ± 1ct
Stability if Variation:	
Mains ± 10%	± (0.03% R + 2mV)
0 to 2.5A Load	± (0.02% R + 5mV)
Residual Ripple in Load < 1mVrms	± 1mVrms
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](http://www.aemc.com)

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



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