

DC Power Supply Model AX503



Cat. #2130.07

DC Power Supply, triple outputs, two 0 to 2.5A; 0 to 30V_{DC}; 2.7 to 5.5V_{DC}

Displays both voltage and current for each output. Includes 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. Also offers a 5V blind output adjustable from 2.7 to 5.5V. Dual 30V outputs can be connected in series to provide double the output voltage up to 60V, or they can be connected in parallel providing double the current output up to 5A.

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VOLTAGE		
Range Available	2 x (0 to 30V) or 1 x (0 to 60V) + TRACKING	+ output 2.7 to 5.5V
Adjustment	coarse and fine by potentiometers	by potentiometer
Display	green LEDs	none
Resolution	0.1V	-
Accuracy	± 0.5 % of R ± 1ct	-
Stability if Variation:		
mains ± 10 %	± (0.03% R + 2mV)	± 4mV
of the 0 to 2.5 A load	± (0.02% R + 5mV)	-
of the 0 to 5 A load	-	± (0.2% R + 10mV)
Residual Ripple In Load < 1 Mvrms	± 1mVrms	
Common Mode Voltage	60V peak	
Protection Against Short-Circuit	current electronic limitation	
Coupling Of Outputs	series or parallel	-
"TRACKING" (master/slave)	yes	-
CURRENT		

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

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Range Available	2 x (0 to 2.5A) or 1 x (0 to 5A)	+ output 5A
Adjustment	by potentiometer	none
Display	red LEDs	-
Resolution	10mA	-
Accuracy	± 0.5% of reading ± 1ct	-
Output Current Limitation	adjustable from 0 to 2.5A	limited to 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	13.2 lbs.	
Operating Temperature	50° to +104°F (- 10°C to +40°C)	
Storage Temperature	-4° to +158°F (-20°C 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	Output EN/IEC 61010-1 to 100V CAT I	
	Supply EN/IEC 61010-1 to 300V CAT 2	

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