

39 Series Copper Line



Features

- Full range adjustable output voltage and current
- Universal 120/240 Vac, 50/60 Hz input
- Single supply for multiple applications
- Parallel operation for increased power output
- UL Recognized

Applications

- Engineering bench supply
- Test equipment
- Manufacturing test applications
- Automotive product testing

Selection Table

Power Watts	Catalog Number	Maximum Current		Shipping Weight lbs (kg)
		Amps* @25 Vdc (Adj. 2.5-25 Vdc)	Amps* @50 Vdc (Adj. 5-50 Vdc)	
300	39-407	12 A	6 A	23 (10.4)
600	39-408	24 A	12 A	30 (13.6)
1200	39-409	48 A	24 A	73 (33.1)

* Current listed is the maximum at any voltage in that range.

Model	A	B	B1	C	D	E	F	F1	G	G1
39-407	10.4	-	7.7	6.8	3.8	5.3	-	3.5	-	3.6
39-408	11.4	-	7.7	6.8	3.8	5.3	-	3.5	-	4.6
39-409	14.0	11.1	-	10.0	6.0	8.0	8.3	-	3.5	-

Specifications

Parameter	Condition	Limit
Input		
Input Voltage		105-130/210-260 Vac (user selectable)
Input Frequency		47 to 440 Hz
Input Protection		Ext. Slow-blow fuse required
Output		
Line Regulation		0.1% or 50 mV
Load Regulation		0.1% or 50 mV
Ripple	Full Rated Load	<1% RMS
Controls		
Current Limit Adjust		0-100%
Output Volt Adjust		10-100% Coarse Adjust (may be mounted remotely). Fine adjust fine tunes output for no loads and full load conditions.
General		
Operating Temperature	Full Rated Load	0° to 50°C
Storage Temperature	Full Rated Load	-20° to +70°C
Efficiency	Full Rated Load	75%
Vibration		Designed to meet MIL-STD-810D, Method 514.3, Category Procedure 1.
Shock		Designed to meet MIL-STD-810D, Method 516.3, Category Procedure 3.

Dimensions

