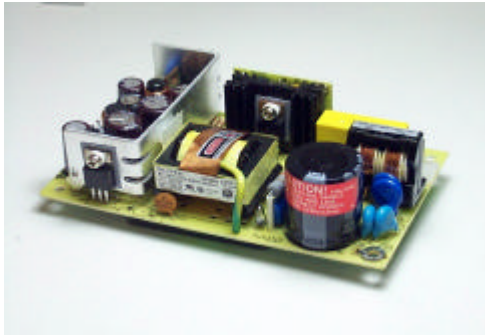




Open Frame 3.54" X 5.41" Universal Input AC/DC Converter

Triple Output 5V/12V/-12V 40W⁽¹⁾



Model UPS40-3003



OUTPUT	Voltage		Current			Ripple & Noise	Regulation (4)	
	Rated	Tolerance	Min	Rated	Max (3)		Load	Line
Main	+5V DC	+/-2.00%	0.3A	3.0A	5.0A	50mV	2.00%	0.50%
	+12 V DC	+/-5.00%	0.1A	1.8A	4.5A	120mV	5.00%	1.00%
	-12 V DC	+/-3.00%	0.0A	0.3A	0.5A	120mV	3.00%	1.00%

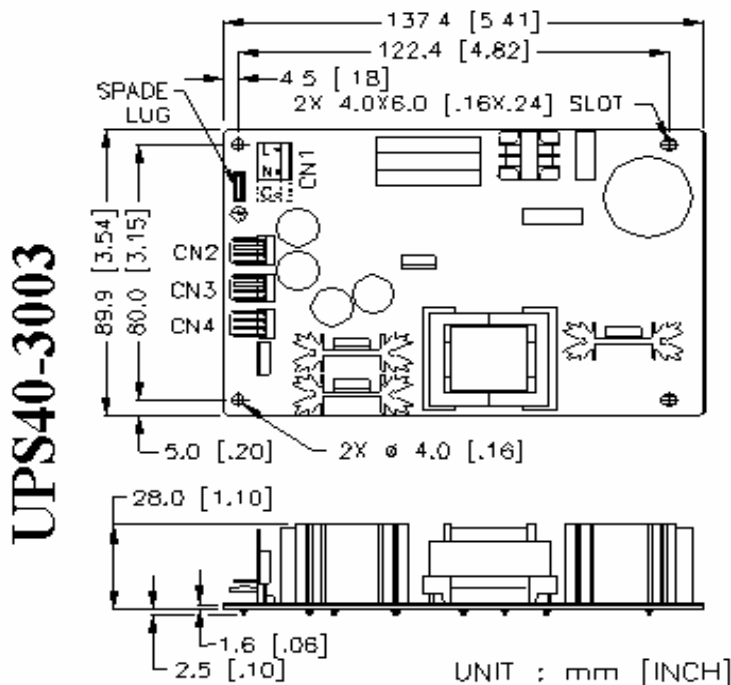
INPUT	Min	Nom	Max
Voltage AC	90		260
Frequency	47		63
Inrush Current	At Min 115 VAC Max 230 VAC		40A
Switching Frequency		40K Hz.	
Fusing	2A, Slow-blow 115/230 VAC Non-User Serviceable		

GENERAL SPECIFICATIONS	
Efficiency at full Load 120VAC	65%min at Full Load 120 VAC
Overvoltage Protection	+5V exceeds 5.8V causes shutdown. Automatic Recovery
Overload Protection	All outputs protected against short circuit conditions, automatic recovery.
Environmental	
Temperature coefficient	0.02%/°C, All outputs
Temperature Range	Operation 0 to 50°C at rated output power. Derates linearly to 50% power at 70°C.
	Storage -55°C to 85°C
Safety, Regulatory & EMI	
Agency Approvals	UL1950
	CSA C22.2 E.B.1402C
	TUV EN60950
Hi-Pot	3600VAC input to input for 1 sec.
EMI	Meets F.C.C part 15 class 'B' conducted.



Model UPS40-3003

PIN ASSIGNMENTS UPS40-3003					WIDTH	LENGTH	HEIGHT			
CONNECTOR	P101	P102	P103	P104	UPS40-3003	OUTLINE	inch	3.54	5.41	1.10
PIN 1	F.G.	-12V	-12V	-12V			mm	89.9	137.4	28.0
PIN 2	NC	+12V	+12V	+12V		MOUNTING	inch	3.15	4.82	N/A
PIN 3	NEUTRAL	COM	COM	COM			mm	80.0	122.4	N/A
PIN 4	NC	+5V	+5V	+5V		SHIPPING SPECIFICATIONS				
PIN 5	LINE				MODEL	UNITS PER CARTON	CARTON WEIGHT			
MOLEX (or equiv)	09-65-2058	22-05-1042	22-05-1042	22-05-1042	UPS40-3003	44.0	13.5 Kgs	29.78 Lbs		
Mating Connector	09-50-1051	22-01-1042	22-01-1042	22-01-1042						



NOTES:

- Total peak power must not exceed the value indicated with each output not exceeding its peak current rating. The power supply may be capable of providing more than the specified continuous and/or peak ratings. Consult a factory Sales Engineer for feasibility.
- Minimum load specified assures output voltage stability for all specified line voltage conditions. Full compliance to the total regulation specification may require additional loading (not to exceed 25% of rated output current). Operation at no load will not damage the power supply.
- Each output can provide its full rated output current, provided total wattage does not exceed nominal (continuous) rating.
- Peak Power is available for 30 seconds maximum with a 10% duty cycle.
- Total regulation includes the combined effects of: a) initial set point of main output of $\pm 1\%$ max; b) line regulation for any input voltage change between 90 & 264 VAC; c) load regulation for a MIN. -100% of rated continuous load change; assumes that the total continuous power rating of the supply is not exceeded. [See Note3]. Performance during peak loading conditions is not included in the figure.
- Specifications are subject to change without notice. AUTEC cannot be held liable for errors or omissions or the consequences thereof.

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