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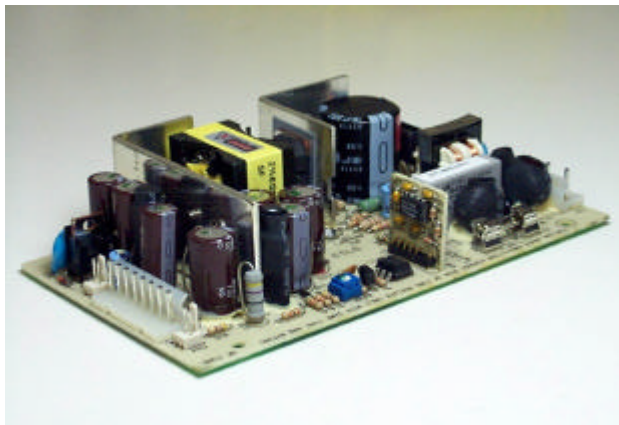
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Jameco Part Number 692377



Open Frame 3.5"X 6" Universal Input AC/DC Converter

Dual Output 5V/12V 65W<sup>(1)</sup>



Model UPS65-1002  
Model UPS65-1002-M



OUTPUT	Model	Voltage		Current			Ripple & Noise	Regulation (4)	
		Rated	Tolerance	Min	Rated	Max (3)		Load	Line
Main	UPS25-100-A	+5V DC	+/-3.00%	0.5A	3.5A	10.0A	50mV	3.00%	0.50%
		+12 V DC	+/-5.00%	0.1A	3.5A	7.0A	120mV	5.00%	1.00%
	UPS25-100-S	+5V DC	+/-2.00%	0.5A	3.0A	10.0A	50mV	2.00%	0.50%
		+12 V DC	+/-2.00%	0.1A	4.0A	7.0A	120mV	5.00%	1.00%
Auxiliary	(Fan)	+12V DC	n/a	n/a	0.1A	n/a	n/a	n/a	n/a
	(LED)	+5V DC	n/a	n/a	10mA	n/a	n/a	n/a	n/a

INPUT		Min	Nom	Max
Voltage AC	Universal AC	90		260
Frequency		47		63
Inrush Current	At Min 115 VAC Max 230 VAC	20A		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 6.8V causes shutdown. Automatic Recovery
Overload Protection	All outputs protected against short circuit conditions, automatic recovery.
<b>Environmental</b>	
Temperature coefficient	0.02%/°C, All outputs
Temperature Range	<b>Operation</b> 0 to 50°C at rated output power. Derates linearly to 50% power at 70°C.
	<b>Storage</b> -55°C to 85°C
<b>Safety, Regulatory &amp; EMI</b>	
Agency Approvals	UL60950
	CSA C22.2 E.B.1802C
	VDE
EMI	Meets F.C.C part 15 class 'B' conducted.



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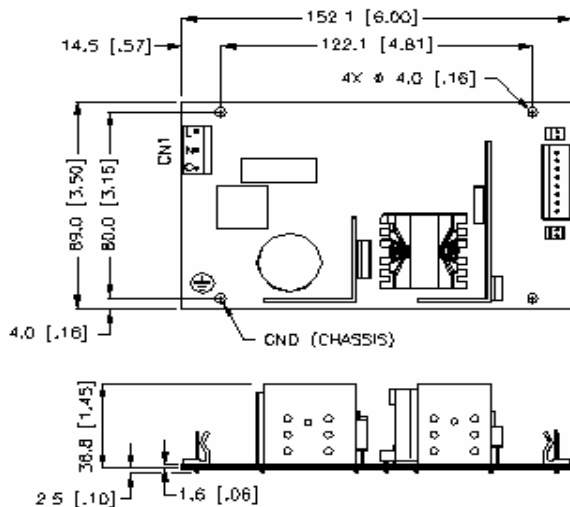
**PIN ASSIGNMENTS UPS65-1002**

CONNECTOR	CN1	CN2	CN3	CN4
	AC INPUT	DC OUTPUT	FAN	LED
PIN 1	F.G.	+5V	COM	COM
PIN 2	NC	+5V	+12V	+5V
PIN 3	NEUTRAL	COM		
PIN 4	NC	COM		
PIN 5	LINE	+12V		
PIN 6		+12V		
MOLEX (or equiv)	09-65-2058	09-65-2068	22-04-1021	22-04-1021
Mating Connector	09-50-1051	09-50-1061	22-01-3027	22-01-3027

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UPS65-1002 /-M



UNIT : mm [INCH]

UPS65-1002/-M			WIDTH	LENGTH	HEIGHT
			inch	mm	mm
	OUTLINE	inch	3.50	6.00	1.45
	mm	mm	89.0	152.1	38.8
	MOUNTING	inch	3.15	4.81	N/A
	mm	mm	80.0	122.1	N/A

**SHIPPING SPECIFICATIONS**

MODEL	UNITS PER CARTON	CARTON WEIGHT
UPS65-1002/-M	44.0	24 Kgs 53.0 Lbs

### NOTES:

1. 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.
2. 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.
3. Each output can provide its full rated output current, provided total wattage does not exceed nominal (continuous) rating.
4. Peak Power is available for 30 seconds maximum with a 10% duty cycle.
5. 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.
6. Specifications are subject to change without notice. AUTEC cannot be held liable for errors or omissions or the consequences thereof.

**Autec Power Systems**

685 E Cochran St, Simi Valley, CA93065

[www.autec.com](http://www.autec.com)

Tel: (805)522-0888

Fax: (805)522-8777