

80 PLUS Verification and Testing Report

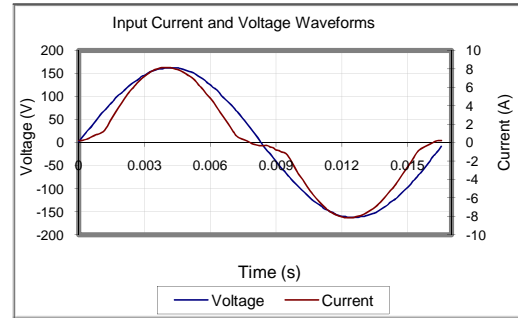
TYPICAL EFFICIENCY (50% Load):	86.45%
AVERAGE EFFICIENCY :	85.14%
80 PLUS COMPLIANT:	YES



Ecos ID #	802.1
Manufacturer	SCYTHE CO., LTD
Model Number	GOURIK3-500(P)
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	7/3/2008

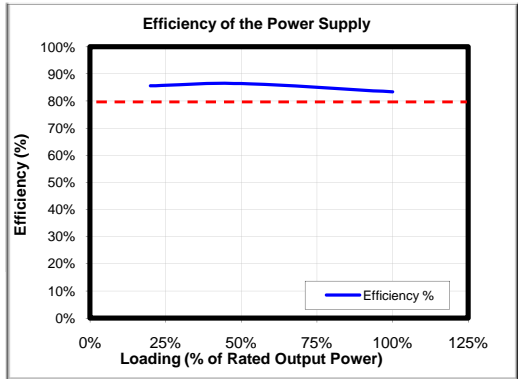
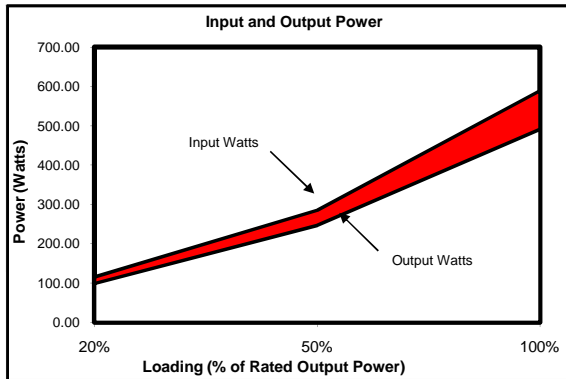
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	Watts

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.



Input AC Current Waveform (I_{THD} = 20.82%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %	
						12V (cumulative of 12V1, 12V2, etc.)		-12V	3.3V	5V*			5VSB
1.01	0.99	5.10%	20%	Light	115.77	11.8/6.4		11.6/0	3.3/2.8	5.2/2.3	5/0.4	99.08	85.59%
2.54	0.98	20.82%	50%	Typical	285.73	11.8/16		11.8/0.1	3.3/6.9	5/5.8	4.9/1	247.00	86.45%
5.24	0.98	20.38%	100%	Full	589.60	11.9/32		12.1/0.2	3.2/13.8	4.9/11.5	4.8/2	491.65	83.39%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS® Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>

