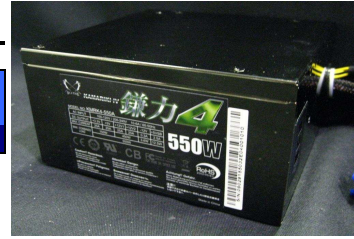
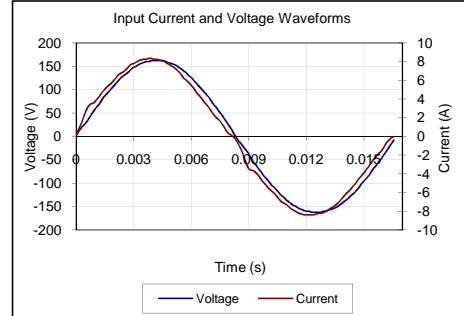


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	84.66%
AVERAGE EFFICIENCY :	82.82%
80 PLUS COMPLIANT:	YES



Ecos ID #	1357
Manufacturer	SCYTHE
Model Number	KMRK4(-P)-550A
Serial Number	09029155032E04001010
Year	2009
Type	ATX12V
Test Date	3/17/2009

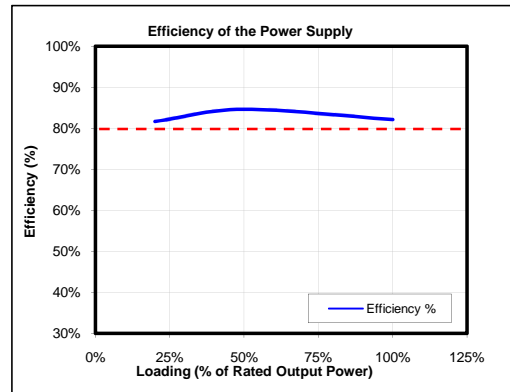
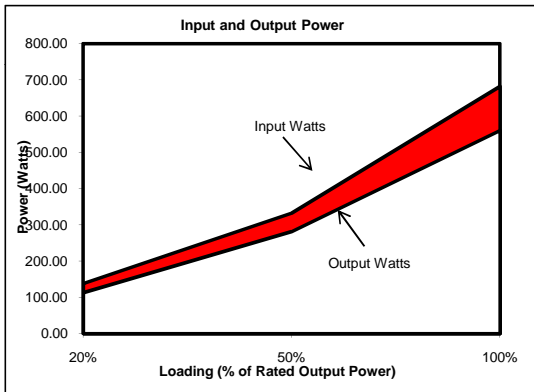


Input AC Current Waveform (ITHD = 6.67%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100/240	Volts
Input Current	10-6	Amps
Input Frequency	60/50	Hz
Rated Output Power	550	Watts

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

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		
1.27	0.9438	19.50%	20%	Light	138.23	12.3/6.7	12/0	3.4/3.2	5.1/3.2	5.2/0.5	112.88	81.66%
2.95	0.9805	6.67%	50%	Typical	332.50	12.3/16.8	12.1/0.1	3.4/8	5/8	5.1/1.2	281.50	84.66%
5.96	0.9944	4.11%	100%	Full	682.20	12.3/33.6	12.3/0.3	3.4/16	5/16.1	5/2.2	560.34	82.14%



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.



Tested by Electric Power Research Institute, Knoxville, TN.