

80 PLUS Verification and Testing Report

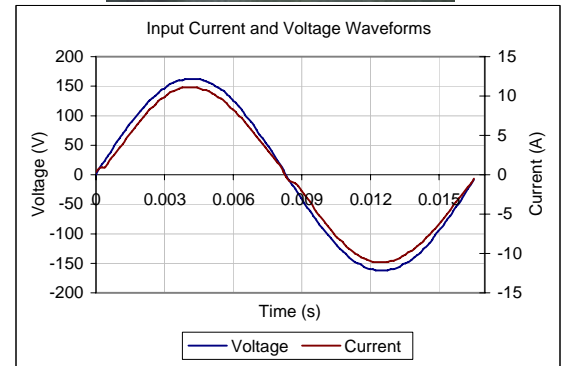
TYPICAL EFFICIENCY (50% Load): 92.25%
AVERAGE EFFICIENCY : 87.08%
80 PLUS COMPLIANT: YES



Ecos ID #	1040
Manufacturer	AKASA
Model Number	AK-PSS075FGM
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	10/13/2008

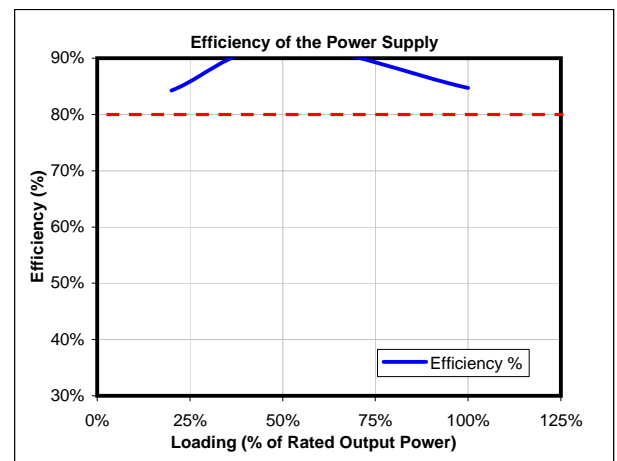
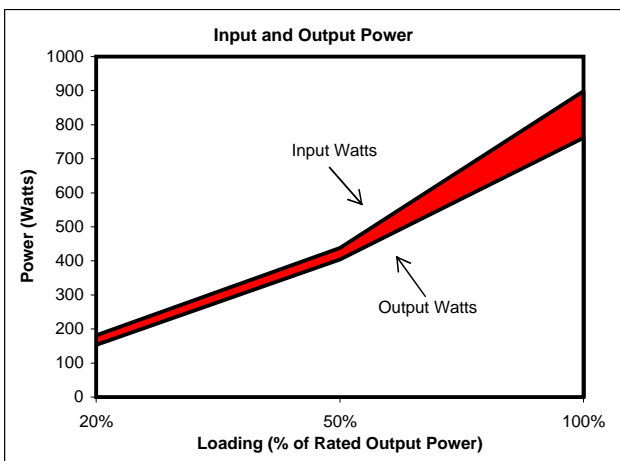
Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	12	Amps
Input Frequency	60-50	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 6.53%, 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		
1.59	0.99	8.4%	20%	Light	182	12.2/9.9	11.8/0.1	3.4/2.9	5.2/3.6	5/0.5	153	84.26%
3.82	1.00	6.5%	50%	Typical	438	12.2/24.8	11.7/2.1	3.4/7.3	5.2/9.1	5/1.2	404	92.25%
7.82	1.00	4.4%	100%	Full	898	12.1/49.5	11.6/0.4	3.4/14.6	5.2/18.2	5/2.5	761	84.73%



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/>

