

80 PLUS Verification and Testing Report

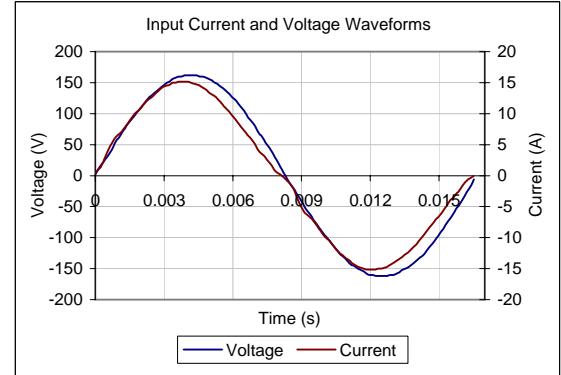


TYPICAL EFFICIENCY (50% Load):	84.49%
AVERAGE EFFICIENCY :	82.76%
80 PLUS COMPLIANT:	YES

Ecos ID #	814
Manufacturer	iCute
Model Number	AP-1050AS
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	1/17/2008

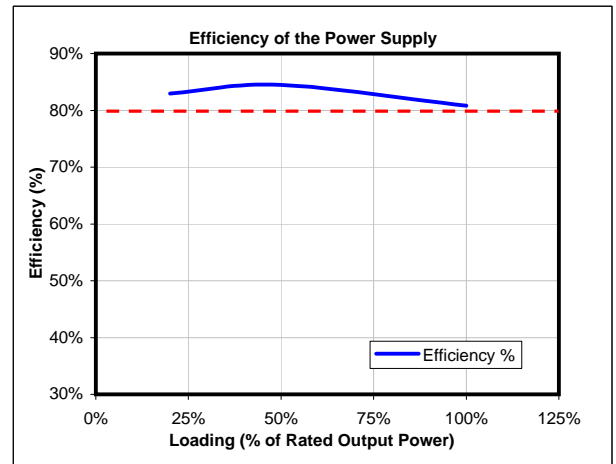
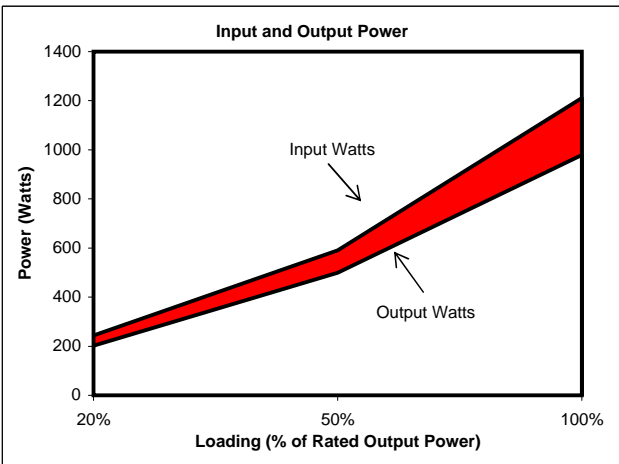
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 7.94%, 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		
2.25	0.94	17.6%	20%	Light	243	12.1/13.1	11.9/0.2	3.4/4.2	5.1/4.2	5.1/1.2	202	82.96%
5.22	0.98	7.9%	50%	Typical	591	11.9/32.8	11.9/0.4	3.3/10.5	5/10.5	5/3	499	84.49%
10.59	0.99	5.1%	100%	Full	1212	11.8/65.6	11.9/0.8	3.2/20.9	4.9/21	4.8/6	979	80.82%



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/>

