

80 PLUS Verification and Testing Report

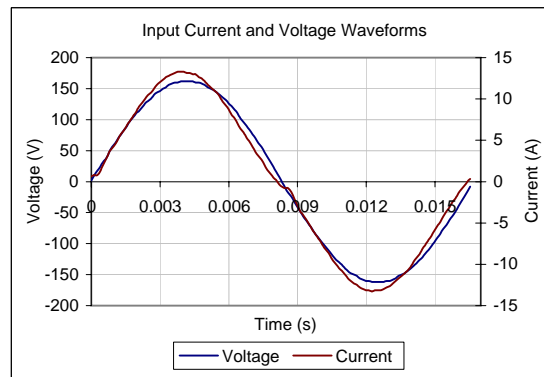
TYPICAL EFFICIENCY (50% Load):	84.70%
AVERAGE EFFICIENCY :	82.33%
80 PLUS COMPLIANT:	YES



Ecos ID #	813
Manufacturer	iCute
Model Number	AP-900AS
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	1/17/2008

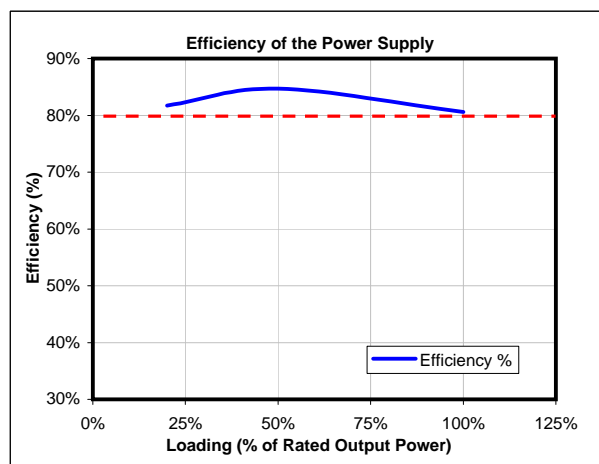
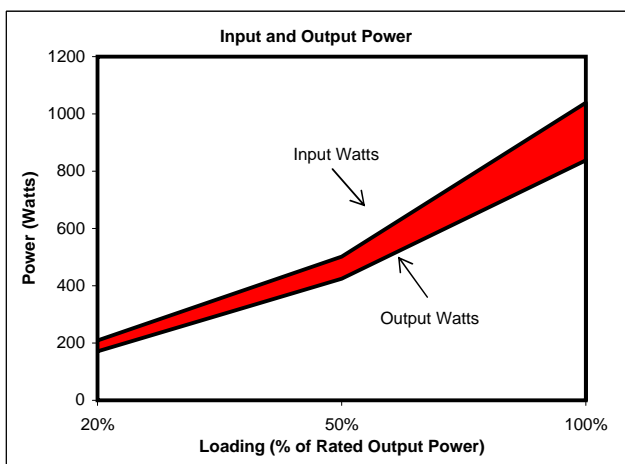
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 10.89%, 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		
1.87	0.97	16.1%	20%	Light	209	12.1/11.2	12.2/0.1	3.3/3.9	5/3.9	5.1/0.5	171	81.70%
4.40	0.99	10.9%	50%	Typical	502	12/28	12.3/0.3	3.3/9.7	5/9.7	5/1.2	425	84.70%
9.07	0.97	7.3%	100%	Full	1040	11.9/55.9	12.4/0.6	3.2/19.2	4.9/19.3	4.8/2.4	838	80.59%



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/>

