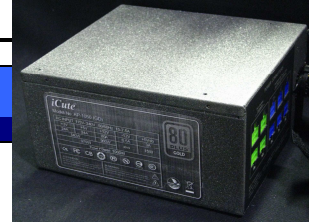
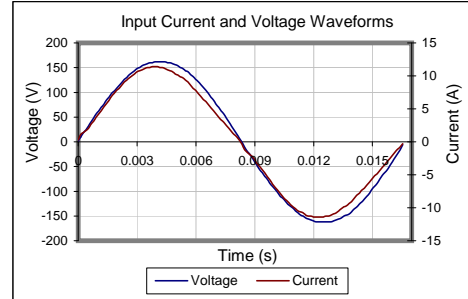


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.03%
AVERAGE EFFICIENCY :	88.50%
80 PLUS COMPLIANT:	YES



Ecos ID #	1595.1
Manufacturer	ICUTE TECH
Model Number	AP-850 (GD)
Serial Number	N/A
Year	2009
Type	ATX12V & EPS12V
Test Date	8/21/2009

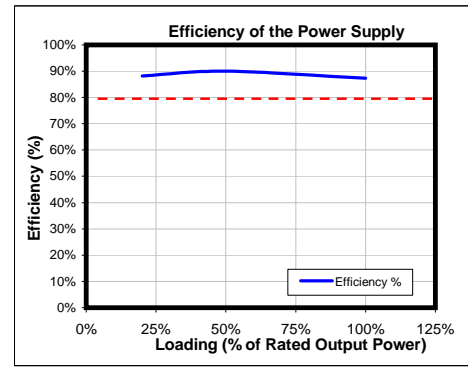
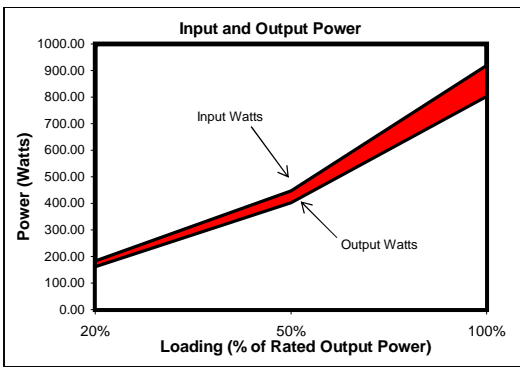


Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	15/7.5	Amps
Input Frequency	50/60	Hz
<b>Rated Output Power</b>	<b>800</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 3.73%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency %	
						12V (cumulative of 12V1, 12V2, etc.)						
1.60	0.9942	5.72%	20%	Light	182.69	12.1/11.1	11.8/0.1	3.3/2.9	4.9/2.9	5.1/0.5	161.08	88.17%
3.89	0.9983	3.73%	50%	Typical	447.20	12.1/27.7	11.8/0.2	3.3/7.1	4.9/7.1	5.1/1.3	402.62	90.03%
8.01	0.9975	4.13%	100%	Full	919.70	12.1/55.4	11.8/0.4	3.3/14.3	4.9/14.3	5/2.6	802.79	87.29%



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/>

