

80 PLUS Verification and Testing Report

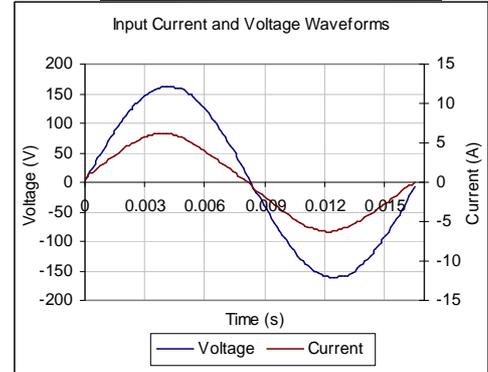
TYPICAL EFFICIENCY (50% Load):	83.27%
AVERAGE EFFICIENCY :	81.76%
80 PLUS COMPLIANT:	YES



Ecos ID #	148.1
Manufacturer	ANDERTEK INFORMATICS CO., LTD.
Model Number	ADK-B400
Serial Number	N/A
Year	2006
Type	ATX12V
Test Date	1/3/2007

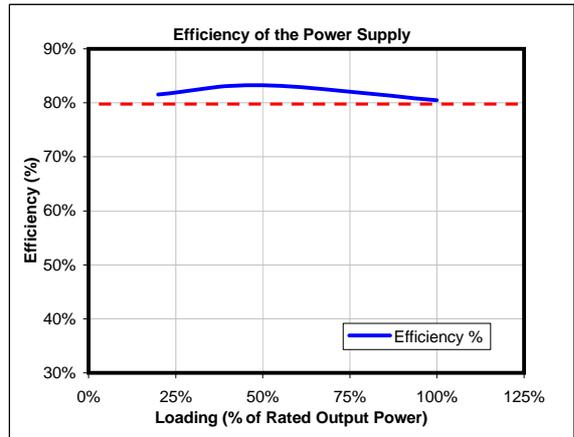
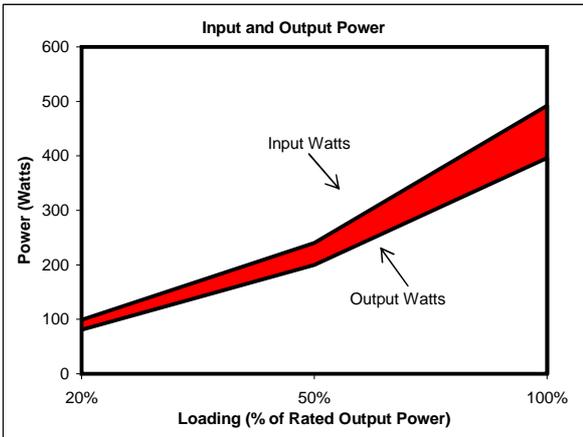
Rated Specifications	Value	Units
Input Voltage	115-230	Volts
Input Current	6	Amps
Input Frequency	50/60	Hz
Rated Output Power	400	Watts

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



Input AC Current Waveform (ITHD = 4.6%, 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 %			
						12V1	12V2	12V3	12V4	-12V			3.3V	5V*	5VSB
0.89	0.97	9.8%	20%	Light	99	12.1/2.4	12.1/2.2			12.5/0.1	3.3/3.2	5.1/2.3	5.2/0.4	81	81.55%
2.11	0.99	4.6%	50%	Typical	240	12.1/6	12.1/5.5			12.6/0.1	3.2/8.1	5/5.7	5.1/1.1	200	83.27%
4.30	1.00	4.3%	100%	Full	492	12/11.9	12/11			12.6/0.3	3.1/16.3	4.9/11.4	5.1/2.1	396	80.47%



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/>

