

80 PLUS Verification and Testing Report

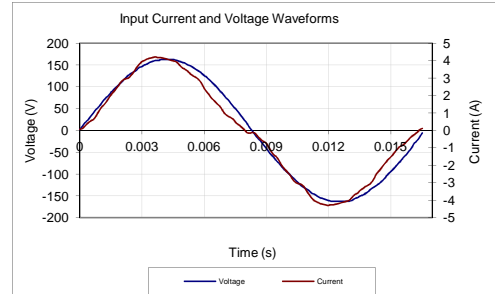
TYPICAL EFFICIENCY (50% Load):	86.60%
AVERAGE EFFICIENCY :	84.84%
80 PLUS COMPLIANT:	YES



Ecos ID #	3198
Manufacturer	ANDERTEK INFORMATICS CO., LTD.
Model Number	ADK-A550
Serial Number	NA
Year	2012
Type	ATX12V
Test Date	7/10/2012

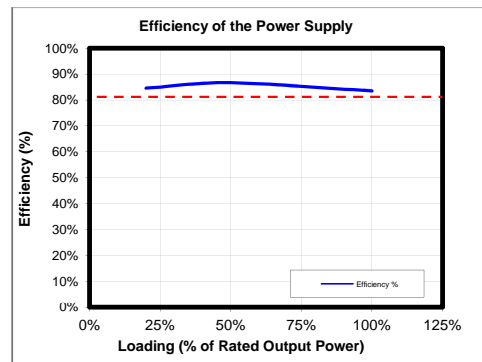
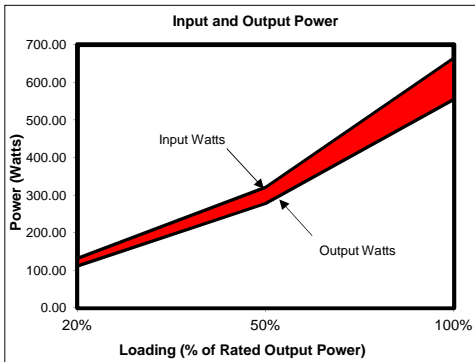
Rated Specifications	Value	Units
Input Voltage	115-230	Volts
Input Current	6	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (ITHD = 11.88%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	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		
0.65	0.96	22.82%	10%	71.67	12.1/3.6	12.1/0	3.4/1.2	5.1/1.3	5.1/0.2	55.86	77.93%
1.18	0.98	17.46%	20%	132.10	12.1/7.3	12.1/0	3.4/2.5	5.1/2.5	5.1/0.4	111.61	84.49%
2.82	0.99	11.88%	50%	321.30	12.1/18.2	12/0.1	3.3/6.2	5.1/6.2	5.1/0.9	278.23	86.60%
5.82	0.99	8.69%	100%	665.10	12.1/36.3	12/0.3	3.3/12.4	5.1/12.4	5/1.7	554.95	83.44%



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/>

