

# 80 PLUS Verification and Testing Report

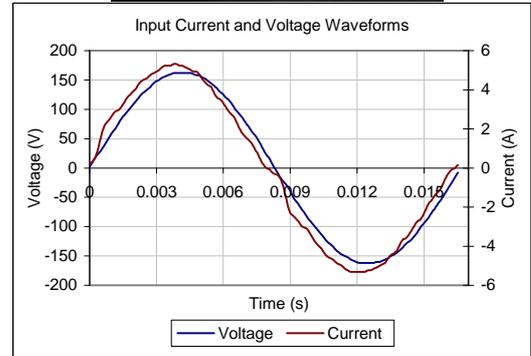


<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>84.23%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.60%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	634.1
<b>Manufacturer</b>	ANDERTEK INFORMATICS CO., LTD.
<b>Model Number</b>	ADK-B350
<b>Serial Number</b>	NA
<b>Year</b>	2008
<b>Type</b>	ATX12V
<b>Test Date</b>	4/29/2008

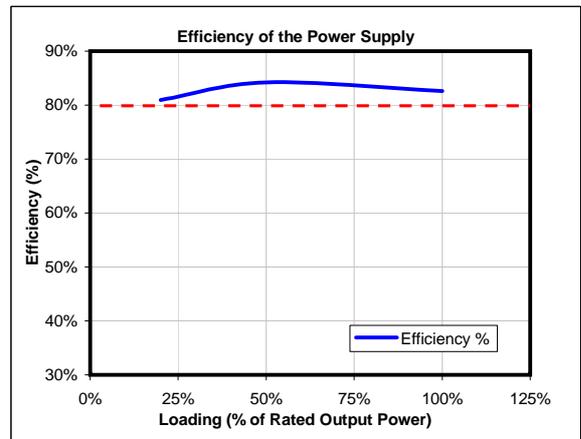
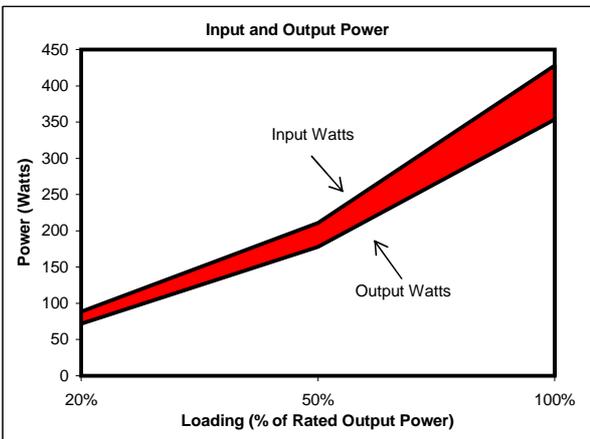
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>350</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 9.01%, 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.)	-12V	3.3V	5V*			5VSB
0.79	0.97	16.5%	20%	Light	88	12.3/3.8	12/0	3.4/2.7	5/2.7	5.1/0.4	72	80.95%
1.89	0.97	9.0%	50%	Typical	211	12.3/9.4	12.1/0.1	3.3/6.8	4.9/6.8	5.1/0.9	178	84.23%
3.75	0.99	3.8%	100%	Full	428	12.3/18.8	12.2/0.2	3.2/13.5	4.9/13.5	4.9/1.9	353	82.62%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS<sup>®</sup> 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/>

