

## 80 PLUS Verification and Testing Report

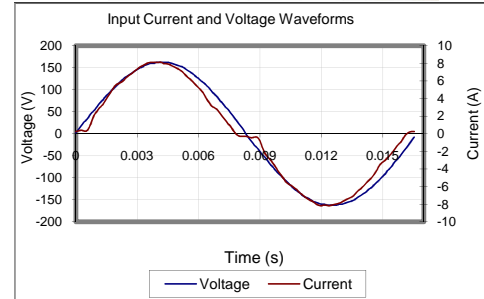
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>88.91%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>87.55%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	1279.1
<b>Manufacturer</b>	AMACROX
<b>Model Number</b>	AX550-88GHN
<b>Serial Number</b>	N/A
<b>Year</b>	2009
<b>Type</b>	ATX12V
<b>Test Date</b>	3/11/2009

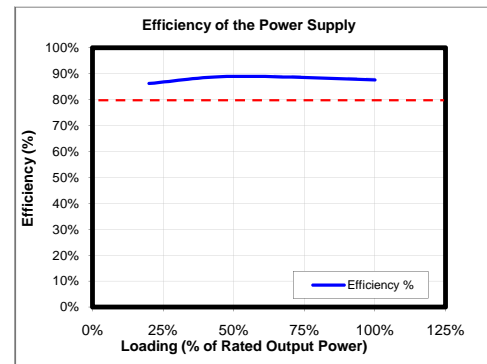
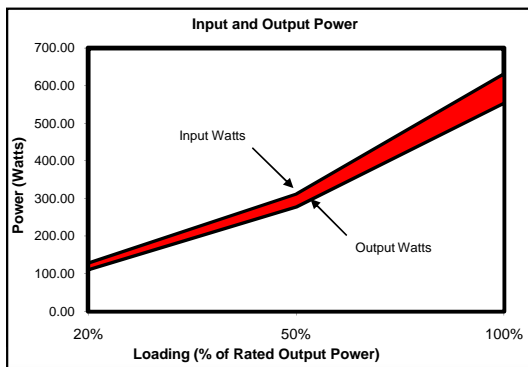
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>550</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 20.32%, 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		
1.20	0.94	96.24%	20%	Light	128.79	12/7.3	12/0.1	3.4/2.4	5.2/2.3	5.1/0.4	111.01	86.20%
2.79	0.97	20.32%	50%	Typical	312.30	12/18.3	12/0.2	3.4/6	5.2/5.8	5.1/1	277.66	88.91%
5.55	0.99	11.71%	100%	Full	632.60	12/36.5	12/0.4	3.4/12.1	5.1/11.6	5/2	553.76	87.54%



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/>

