

# 80 PLUS Verification and Testing Report

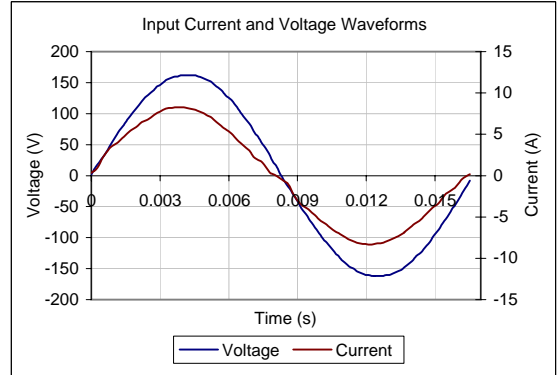


<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>84.65%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.81%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	635.3
<b>Manufacturer</b>	XILENCE TECHNOLOGY
<b>Model Number</b>	XP550.(12)G
<b>Serial Number</b>	NA
<b>Year</b>	2008
<b>Type</b>	ATX12V
<b>Test Date</b>	4/29/2008

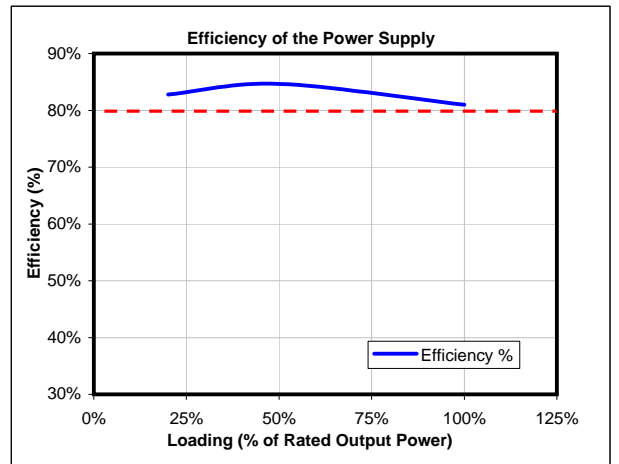
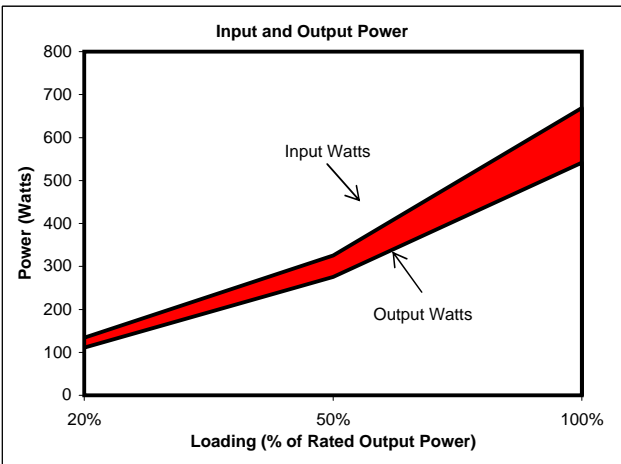
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>550</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 6.95%, 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	0.97	15.2%	20%	Light	134	12.1/6.7	11.9/0	3.4/3.2	5/3.2	5.1/0.5	111	82.80%
2.88	0.98	7.0%	50%	Typical	325	12/16.8	12/0.1	3.3/8	4.9/8	5/1.1	275	84.65%
5.85	0.99	3.7%	100%	Full	669	11.9/33.6	12.3/0.3	3.2/16	4.7/16.1	4.9/2.2	542	80.99%



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/>

