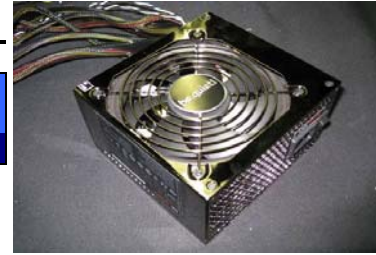
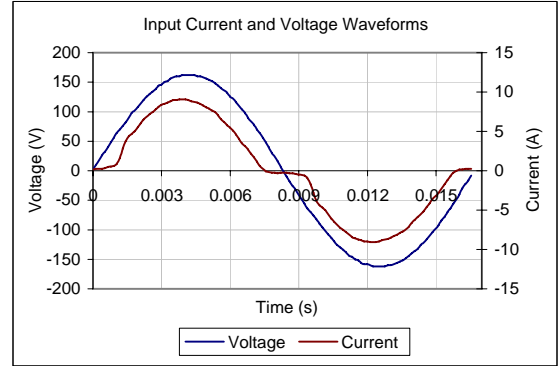


# 80 PLUS Verification and Testing Report



<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>84.53%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.68%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	842.1
<b>Manufacturer</b>	BE QUIET!
<b>Model Number</b>	BQT S6-SYS-550W
<b>Serial Number</b>	S8261002514
<b>Year</b>	2008
<b>Type</b>	ATX12V & EPS12V
<b>Test Date</b>	7/29/2008

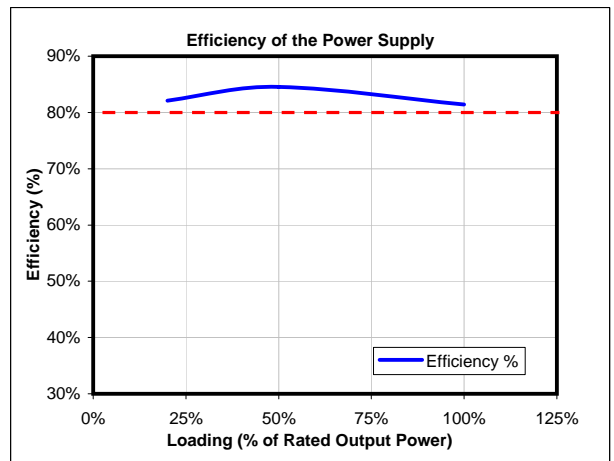
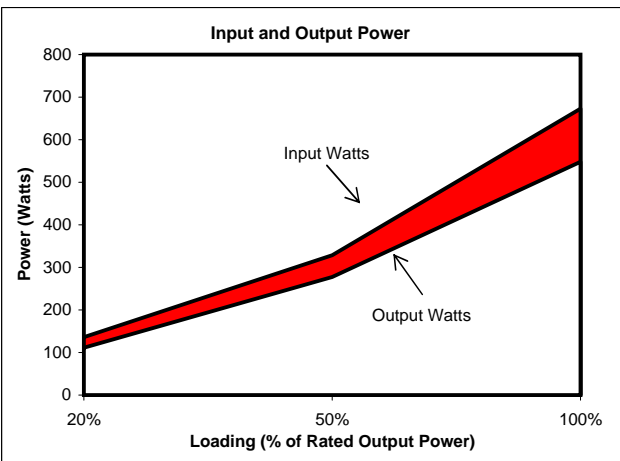


Input AC Current Waveform (ITHD = 24.25%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	10	Amps
Input Frequency	5-60	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.

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
1.21	0.98	20.6%	20%	Light	136	12.2/6.6	12.2/0.1	3.3/3.4	5.1/3.2	5.1/0.5	112	82.07%
2.95	0.97	24.3%	50%	Typical	328	12.1/16.6	12.2/0.2	3.3/8.5	5.1/8	5/1.2	278	84.53%
5.97	0.98	18.9%	100%	Full	673	12.1/33.1	12.2/0.4	3.2/17	4.9/16	4.9/2.4	548	81.44%



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.



Tested by Electric Power Research Institute, Knoxville, TN.