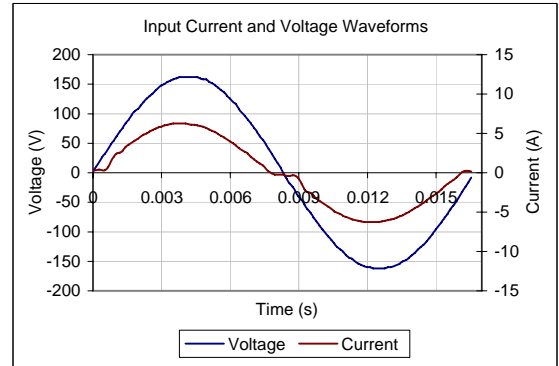


# 80 PLUS Verification and Testing Report



<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>84.17%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.50%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	839
<b>Manufacturer</b>	BE QUIET!
<b>Model Number</b>	BQT E6-400W
<b>Serial Number</b>	S8271009831
<b>Year</b>	2008
<b>Type</b>	ATX12V
<b>Test Date</b>	7/29/2008

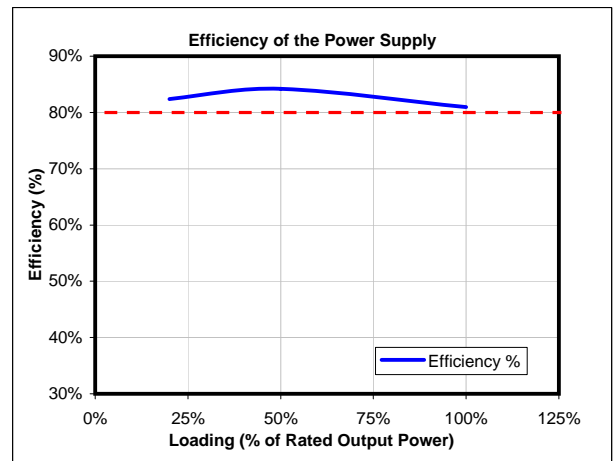
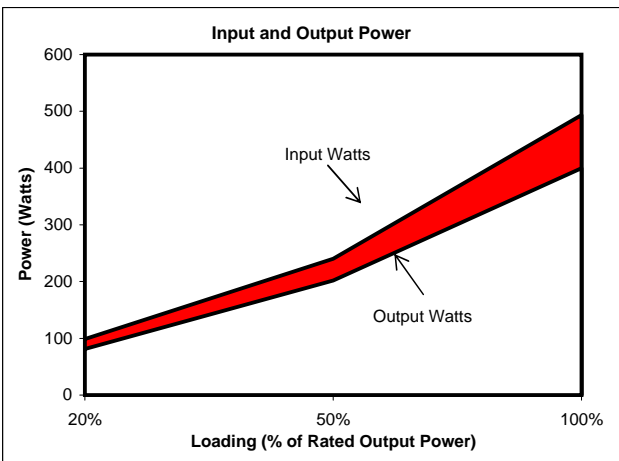


Input AC Current Waveform (ITHD = 11.92%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>400</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
0.87	0.99	8.9%	20%	Light	99	12.2/4.6	12.3/0.1	3.3/2.7	5.2/2.5	5.1/0.4	81	82.37%
2.11	0.99	11.9%	50%	Typical	240	12.1/11.6	12.3/0.2	3.3/6.8	5.1/6.3	5/1.1	202	84.17%
4.33	0.99	9.9%	100%	Full	494	12.1/23.1	12.3/0.4	3.2/13.5	5/12.6	4.9/2.2	400	80.96%



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.