

# 80 PLUS Verification and Testing Report

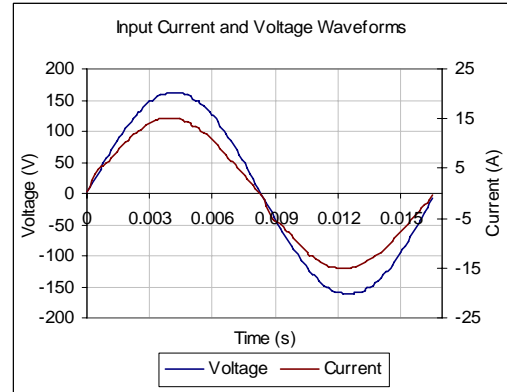
**TYPICAL EFFICIENCY (50% Load):** 84.08%  
**AVERAGE EFFICIENCY :** 81.95%  
**80 PLUS COMPLIANT:** YES



<b>Ecos ID #</b>	230
<b>Manufacturer</b>	Be Quiet
<b>Model Number</b>	BQT-P6-PRO 1000
<b>Serial Number</b>	N/A
<b>Year</b>	2006
<b>Type</b>	ATX12V
<b>Test Date</b>	12/19/2006

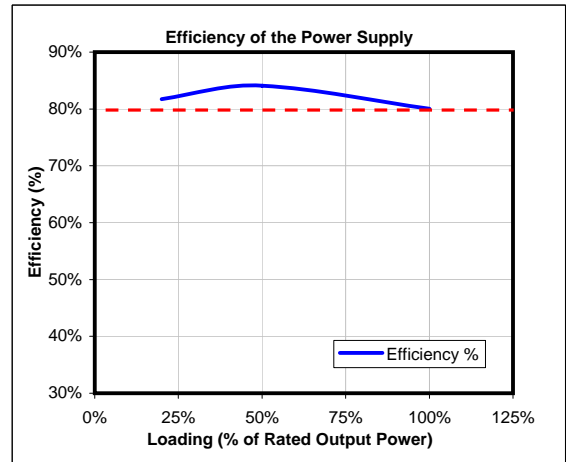
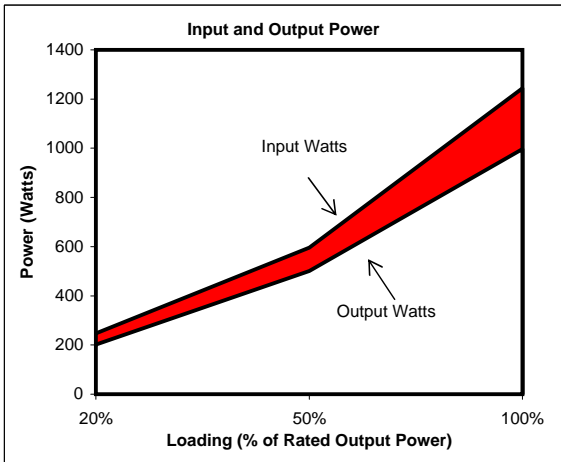
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12/6	Amps
Input Frequency	47-63	Hz
<b>Rated Output Power</b>	<b>1000</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 3.55%, 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)									
						12V1	12V2	12V3	12V4	12V5	12V6	-12V	3.3V	5V*	5VSB
2.21	0.97	9.1%	20%	Light	247	12.2/2.3	12.2/2.3	12.2/2.3	12.2/2.3	12.2/2.3	12.1/2.0	12.1/0.2	3.4/3.8	5/3.8	5.1/0.6
5.22	0.99	3.6%	50%	Typical	596	12.1/5.8	12.1/5.8	12.1/5.8	12.1/5.8	12.1/5.8	12.0/5.0	12.2/0.5	3.3/9.6	5/9.6	5.1/1.5
10.87	1.00	3.7%	100%	Full	1244	12.0/11.5	12.0/11.5	12.0/11.5	12.0/11.5	12.0/10	11.9/10	12.3/1	3.3/19.2	5/19.2	4.9/3



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.