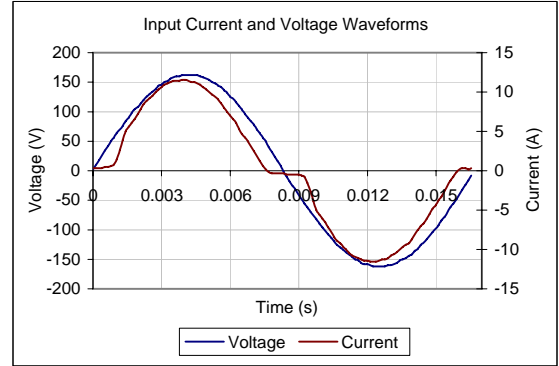


# 80 PLUS Verification and Testing Report



<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>84.46%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.68%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	845
<b>Manufacturer</b>	BE QUIET!
<b>Model Number</b>	BQT E6-700W
<b>Serial Number</b>	NA
<b>Year</b>	2008
<b>Type</b>	ATX12V & EPS12V
<b>Test Date</b>	7/30/2008

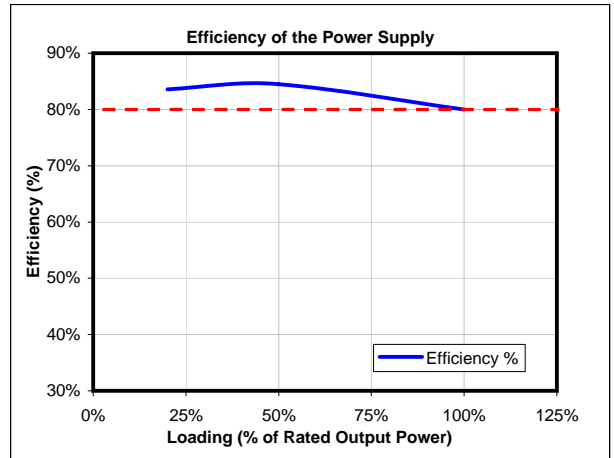
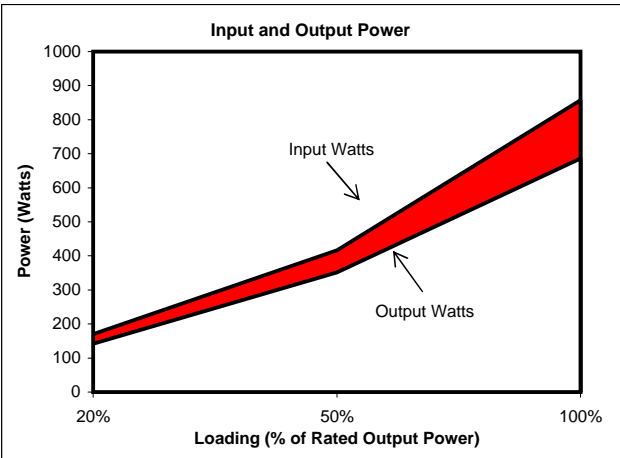


Input AC Current Waveform (ITHD = 23.9%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>700</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
1.55	0.96	28.7%	20%	Light	170	12.1/9	12.2/0.1	3.3/3.8	5.1/3.2	5.1/0.5	142	83.56%
3.74	0.97	23.9%	50%	Typical	416	12.1/22.5	12.2/0.2	3.3/9.5	5/8.1	5/1.2	352	84.46%
7.61	0.98	18.5%	100%	Full	858	11.8/45	12.3/0.4	3.1/18.8	4.8/16.2	4.8/2.4	686	80.02%



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.