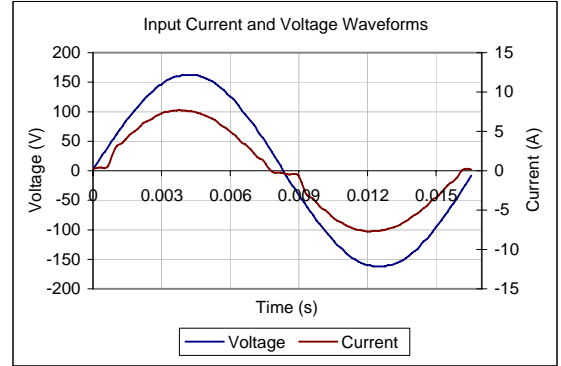


# 80 PLUS Verification and Testing Report



<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>84.50%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.49%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	841
<b>Manufacturer</b>	BE QUIET!
<b>Model Number</b>	BQT E6-500W
<b>Serial Number</b>	S8271005619
<b>Year</b>	2008
<b>Type</b>	ATX12V & EPS12V
<b>Test Date</b>	7/29/2008

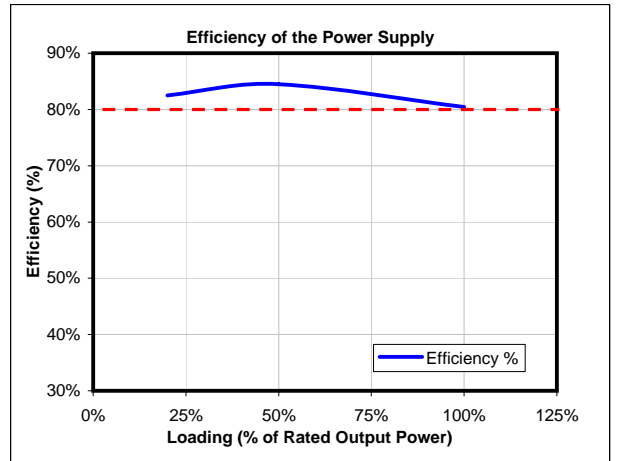
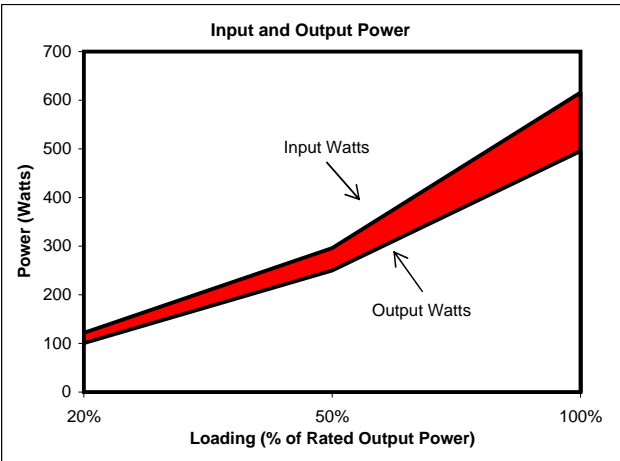


Input AC Current Waveform (ITHD = 12.79%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>500</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
1.07	0.99	12.2%	20%	Light	122	12/6.1	12.1/0.1	3.3/2.9	5.1/2.9	5.1/0.5	100	82.52%
2.60	0.99	12.8%	50%	Typical	296	12/15.2	12.2/0.2	3.3/7.3	5/7.3	5/1.1	250	84.50%
5.39	0.99	9.5%	100%	Full	616	12/30.3	12.3/0.4	3.2/14.5	4.9/14.5	4.9/2.3	496	80.45%



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/>

