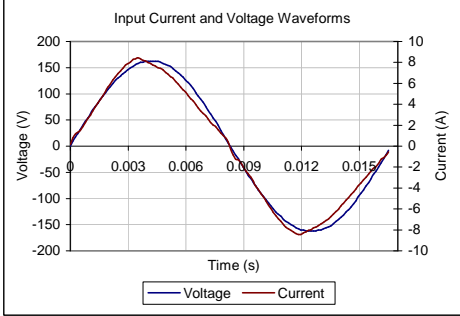


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	85.65%
AVERAGE EFFICIENCY :	83.85%
80 PLUS COMPLIANT:	YES



Ecos ID #	1560
Manufacturer	BE QUIET
Model Number	BQT L7-530W
Serial Number	106S9241000048
Year	2009
Type	ATX12V
Test Date	7/22/2009

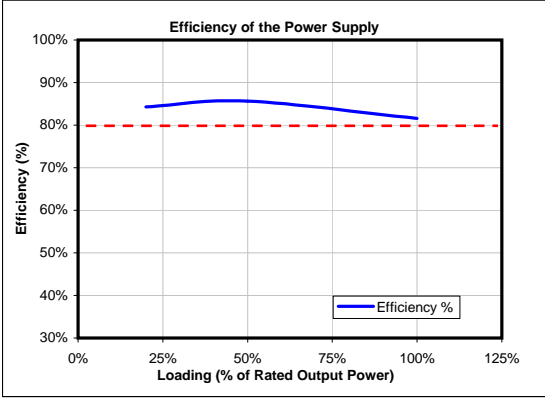
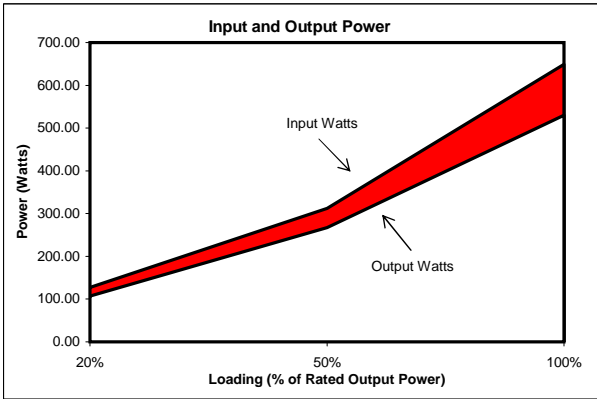


Input AC Current Waveform (ITHD = 11.31%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100 - 240	Volts
Input Current	8 - 4	Amps
Input Frequency	50 - 60	Hz
<b>Rated Output Power</b>	<b>530</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		
1.13	0.9795	14.65%	20%	Light	127.19	12.1/6.5	12/0.1	3.3/3	5.1/3	5/0.5	107.21	84.29%
2.74	0.9879	11.31%	50%	Typical	312.00	12.1/16.3	12.1/0.1	3.3/7.5	5/7.5	5/1.2	267.22	85.65%
5.67	0.9943	7.47%	100%	Full	649.20	12/32.6	12.3/0.3	3.2/14.9	5/14.9	5/2.4	529.83	81.61%



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.

