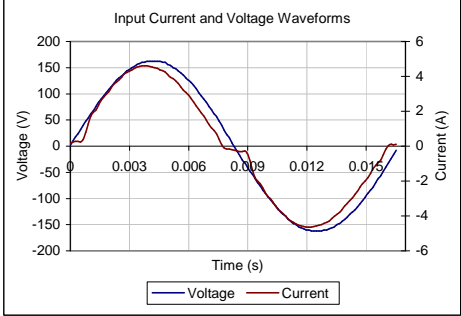


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	84.52%
AVERAGE EFFICIENCY :	82.53%
80 PLUS COMPLIANT:	YES



Ecos ID #	1522
Manufacturer	BE QUIET
Model Number	BQT SFX-300W
Serial Number	S9241100001
Year	2009
Type	SFX
Test Date	6/30/2009

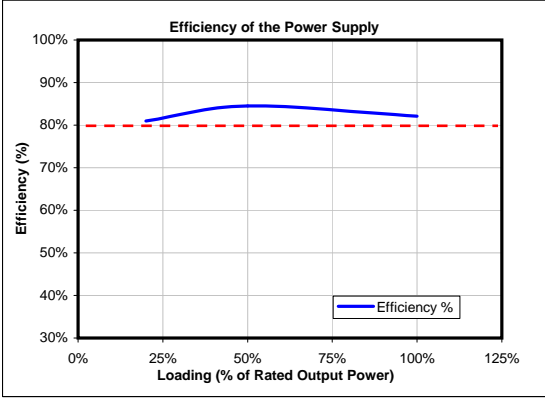
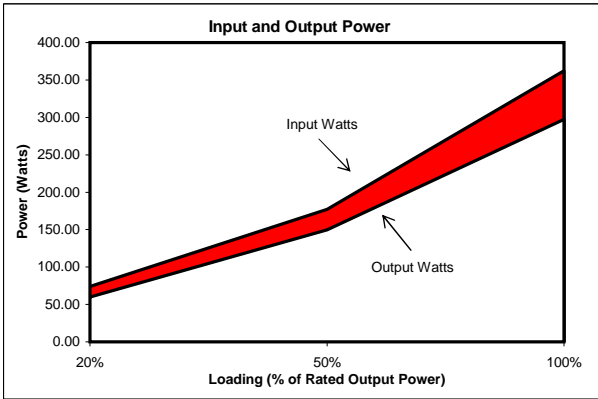


Input AC Current Waveform (ITHD = 13.31%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4.5-2.5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>300</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		
0.65	0.9941	5.89%	20%	Light	73.97	11.9/3.4	11.9/0.1	3.4/1.9	5.1/2.1	5.1/0.3	59.88	80.95%
1.56	0.9881	13.31%	50%	Typical	176.92	11.9/8.5	12/0.2	3.4/4.8	5.1/5.3	5/0.9	149.53	84.52%
3.18	0.9907	11.30%	100%	Full	362.20	11.8/17	12/0.3	3.3/9.6	5/10.5	4.9/1.7	297.45	82.12%



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.