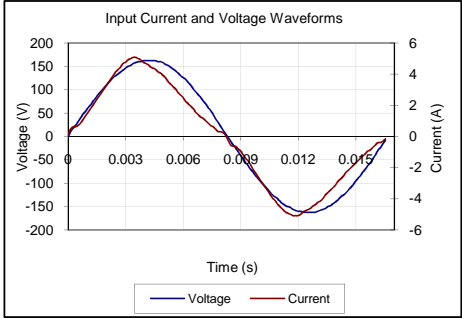


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	85.01%
AVERAGE EFFICIENCY :	83.11%
80 PLUS COMPLIANT:	YES



Ecos ID #	1484
Manufacturer	be quiet!
Model Number	BQT L7-300W
Serial Number	S9141000006
Year	2009
Type	ATX12V
Test Date	6/15/2009

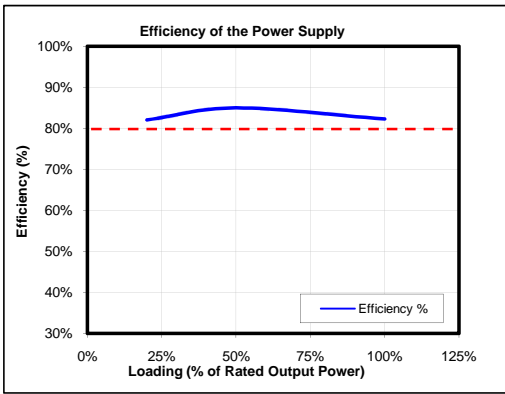
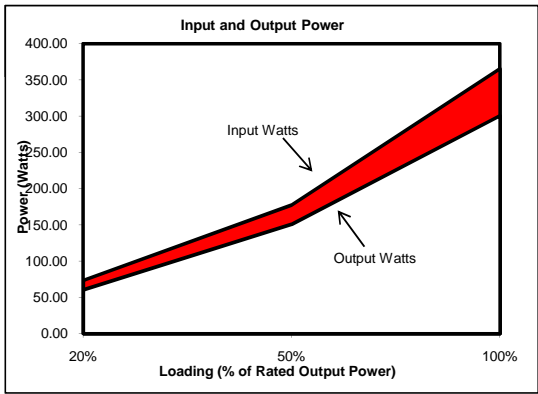


Input AC Current Waveform (ITHD = 18.7%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5-2.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

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

I _{RMS} A	PF	I _{THD} (%)	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		
0.66	0.9710	14.76%	20%	Light	73.62	12/3.3	11.9/0	3.4/2.5	5/1.8	5/0.4	60.40	82.04%
1.59	0.9706	18.70%	50%	Typical	177.55	12/8.4	12/0.1	3.4/6.3	5/4.5	5/1	150.94	85.01%
3.24	0.9822	13.94%	100%	Full	365.60	12/16.7	12.1/0.2	3.4/12.6	4.9/9	5/2	300.76	82.27%



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.

