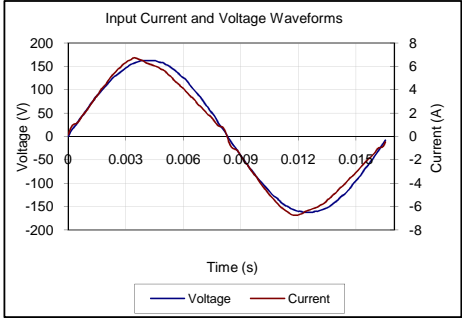


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	85.15%
AVERAGE EFFICIENCY :	83.51%
80 PLUS COMPLIANT:	YES



Ecos ID #	1486
Manufacturer	be quiet!
Model Number	BQT L7-430W
Serial Number	S9141000001
Year	2009
Type	ATX12V
Test Date	6/15/2009

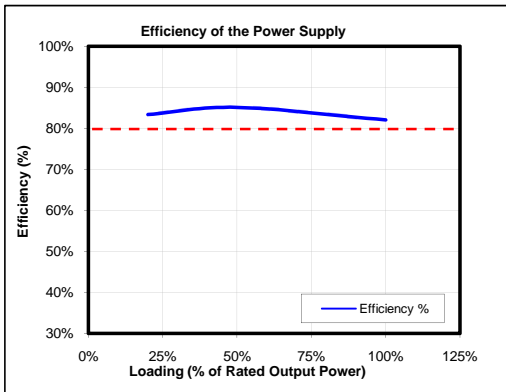
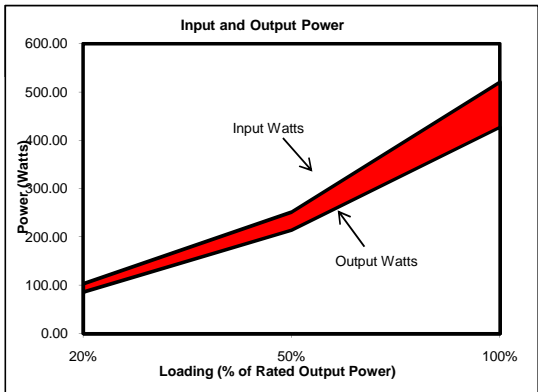


Input AC Current Waveform (ITHD = 11.56%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	7-3.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	430	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		
0.92	0.9743	13.85%	20%	Light	103.30	11.9/5.2	11.8/0	3.4/3.1	5/2.1	5/0.4	86.10	83.35%
2.23	0.9833	11.56%	50%	Typical	251.80	11.9/13	11.9/0.1	3.4/7.8	5/5.2	5/1.1	214.40	85.15%
4.58	0.9912	7.20%	100%	Full	520.90	11.9/26	12/0.3	3.4/15.6	5/10.4	5/2.2	427.30	82.03%



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.

