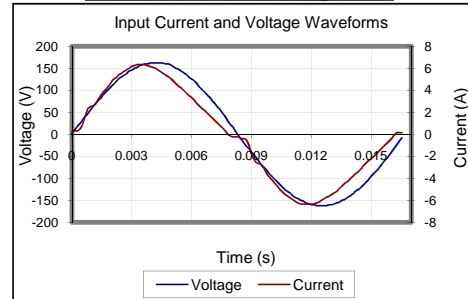


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.05%
AVERAGE EFFICIENCY :	84.48%
80 PLUS COMPLIANT:	YES



Ecos ID #	1603
Manufacturer	BE QUIET
Model Number	BQT E7-400W
Serial Number	113S9271000010
Year	2009
Type	ATX12V
Test Date	8/13/2009

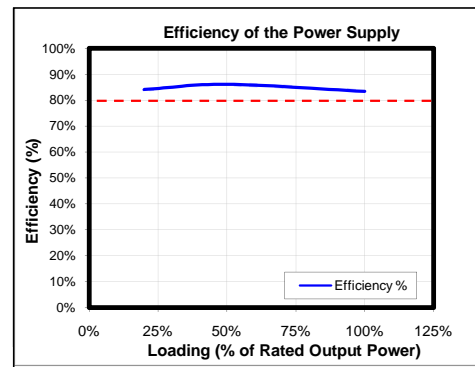
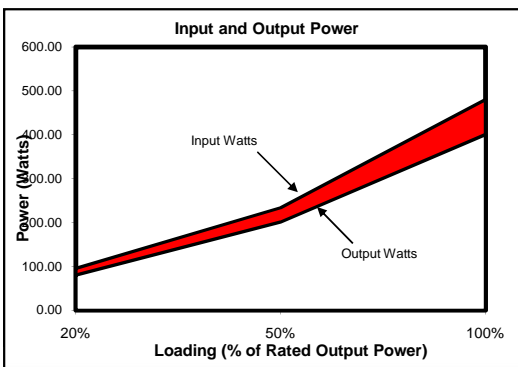


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-3	Amps
Input Frequency	50-60	Hz
Rated Output Power	400	Watts

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

Input AC Current Waveform (ITHD = 15.24%, 50% Load)

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.)						
0.88	0.9485	26.95%	20%	Light	95.74	12.1/4.7						
2.09	0.9721	15.24%	50%	Typical	233.94	12.1/11.8					201.30	86.05%
4.25	0.9828	11.49%	100%	Full	480.60	12.2/23.7					400.61	83.36%



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.