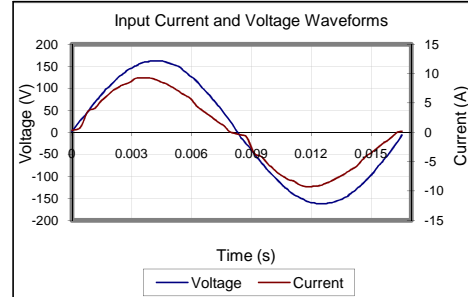


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.63%
AVERAGE EFFICIENCY :	85.10%
80 PLUS COMPLIANT:	YES



Ecos ID #	1609
Manufacturer	BE QUIET
Model Number	BQT E7-600W
Serial Number	117S9271000012
Year	2009
Type	ATX12V
Test Date	8/13/2009

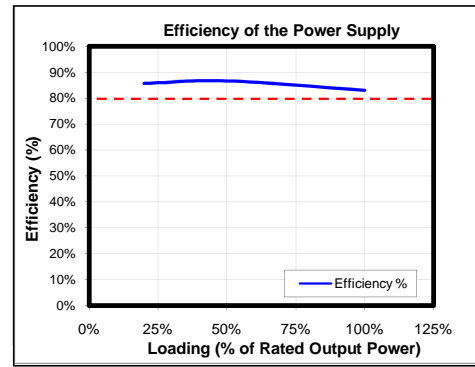
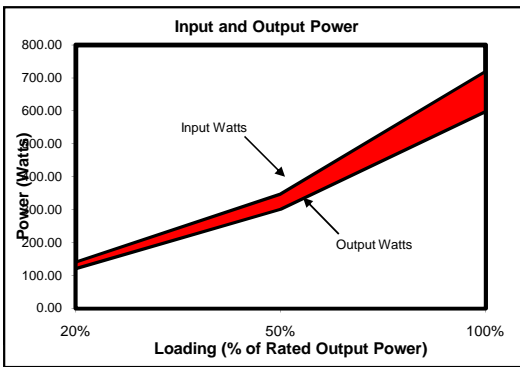


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9-4.5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>600</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 13.34%, 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.)						
1.27	0.9616	23.01%	20%	Light	140.52	12/7.5					120.37	85.66%
3.09	0.9777	13.34%	50%	Typical	347.70	12/18.8					301.21	86.63%
6.32	0.9887	8.98%	100%	Full	720.20	11.9/37.5					597.86	83.01%
							-12V	3.3V	5V*	5VSB		
							11.8/0.1	3.4/3.4	5/3	5/0.5		
							11.8/0.2	3.4/8.5	5/7.6	5/1.3	301.21	86.63%
							11.9/0.4	3.3/17	5/15.3	4.9/2.5	597.86	83.01%



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.