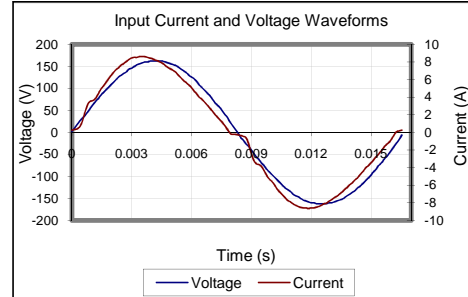


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.05%
AVERAGE EFFICIENCY :	84.59%
80 PLUS COMPLIANT:	YES



Ecos ID #	1607
Manufacturer	BE QUIET
Model Number	BQT E7-550W
Serial Number	116S9271000017
Year	2009
Type	ATX12V
Test Date	8/13/2009

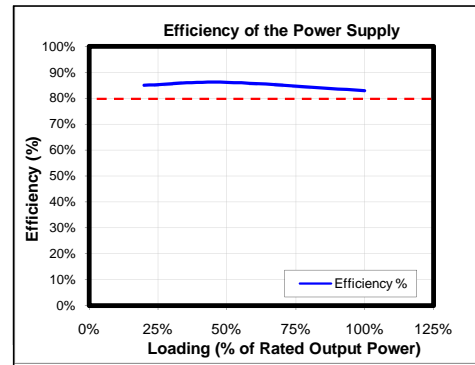
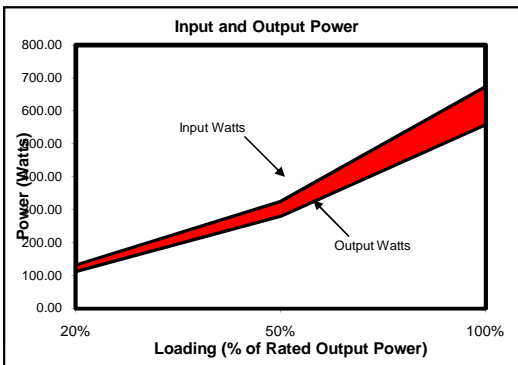


Input AC Current Waveform (ITHD = 12.91%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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.)					
1.19	0.9656	22.16%	20%	Light	131.86	12.2/6.8					
2.89	0.9783	12.91%	50%	Typical	325.30	12.2/16.9				279.92	86.05%
5.92	0.9886	9.22%	100%	Full	673.60	12.2/33.9				557.86	82.82%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS® Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>

