

80 PLUS Verification and Testing Report

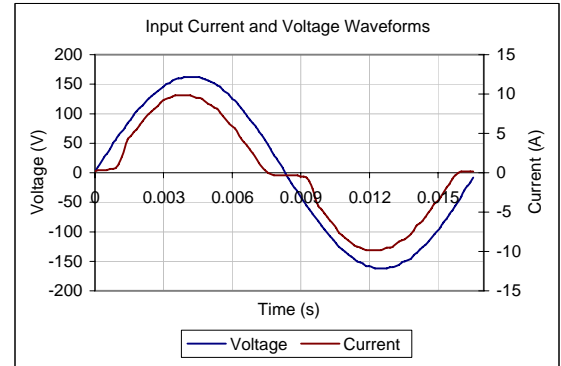


TYPICAL EFFICIENCY (50% Load):	84.54%
AVERAGE EFFICIENCY :	82.80%
80 PLUS COMPLIANT:	YES

Ecos ID #	843
Manufacturer	BE QUIET!
Model Number	BQT E6-600W
Serial Number	S8261005674
Year	2008
Type	ATX12V & EPS12V
Test Date	7/29/2008

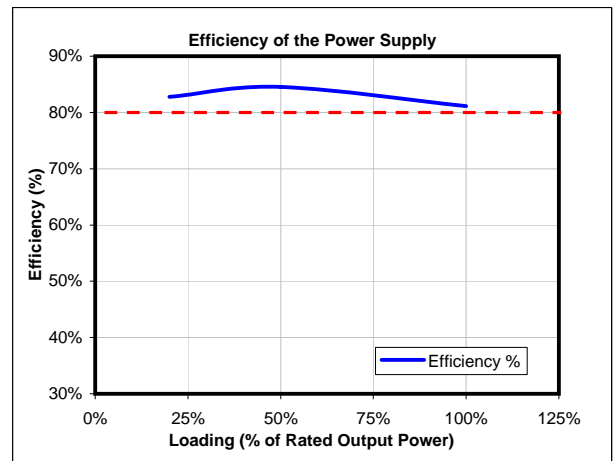
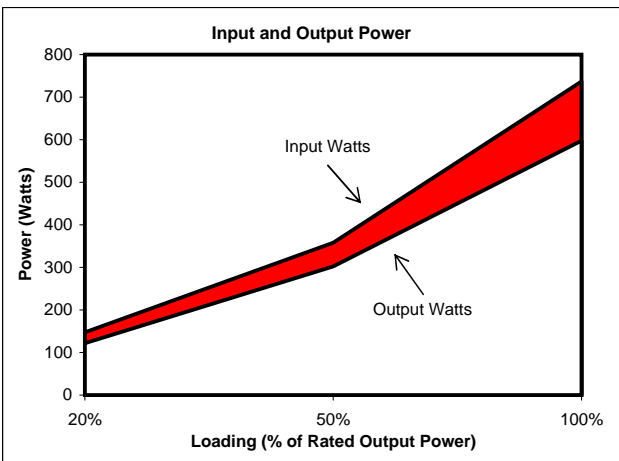
Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 24.66%, 50% Load)

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
1.33	0.96	26.3%	20%	Light	148	12.2/7.5	12.3/0.1	3.3/3.3	5.1/3.1	5.1/0.5	122	82.75%
3.22	0.97	24.7%	50%	Typical	358	12.1/18.8	12.3/0.2	3.3/8.3	5.1/7.7	5/1.2	302	84.54%
6.54	0.98	18.7%	100%	Full	737	12/37.6	12.3/0.4	3.2/16.5	4.9/15.6	4.8/2.3	598	81.12%



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.

