

80 PLUS Verification and Testing Report

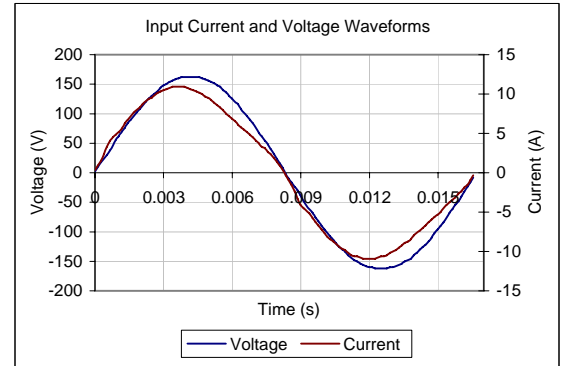


TYPICAL EFFICIENCY (50% Load):	85.59%
AVERAGE EFFICIENCY :	83.69%
80 PLUS COMPLIANT:	YES

Ecos ID #	599
Manufacturer	be quiet!
Model Number	BQT P7-Pro-750W
Serial Number	S8081000001
Year	2008
Type	ATX12V
Test Date	3/11/2008

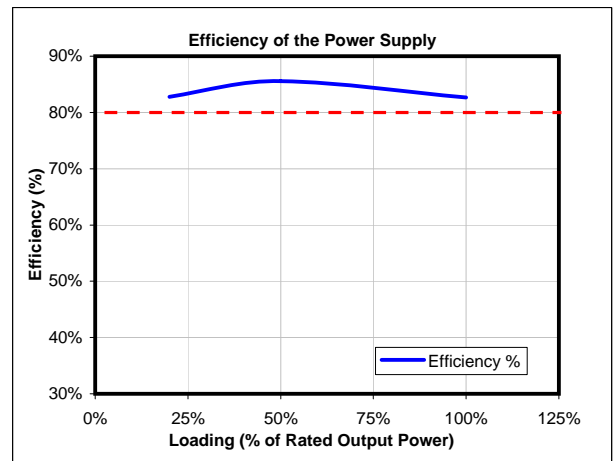
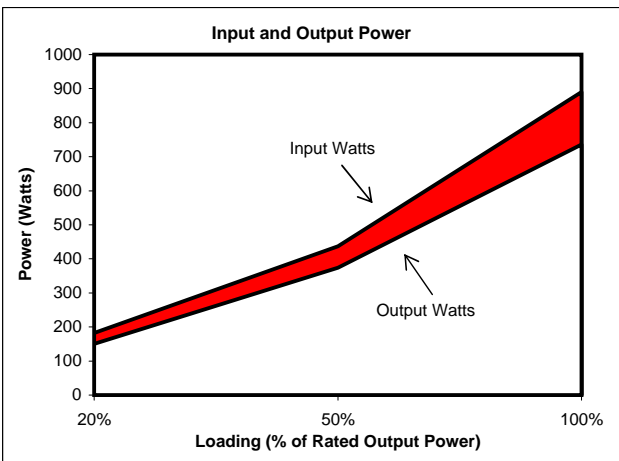
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	18	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 6.68%, 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
1.63	0.97	9.2%	20%	Light	182	12/9.7	12/0.1	3.4/3.2	5/3.7	5.1/0.7	151	82.80%
3.84	0.99	6.7%	50%	Typical	437	11.9/24.3	12/0.3	3.3/8	5/9.2	5/1.6	374	85.59%
7.80	0.99	7.3%	100%	Full	890	11.8/48.6	12/0.6	3.2/15.9	4.9/18.5	4.9/3.2	736	82.68%



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.