

80 PLUS Verification and Testing Report

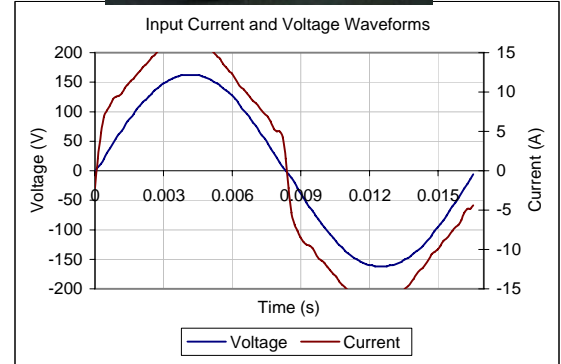


TYPICAL EFFICIENCY (50% Load): 85.80%
AVERAGE EFFICIENCY : 83.55%
80 PLUS COMPLIANT: YES

Ecos ID #	767.1
Manufacturer	BE QUIET
Model Number	BQT P7 PRO-1200W
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	10/11/2008

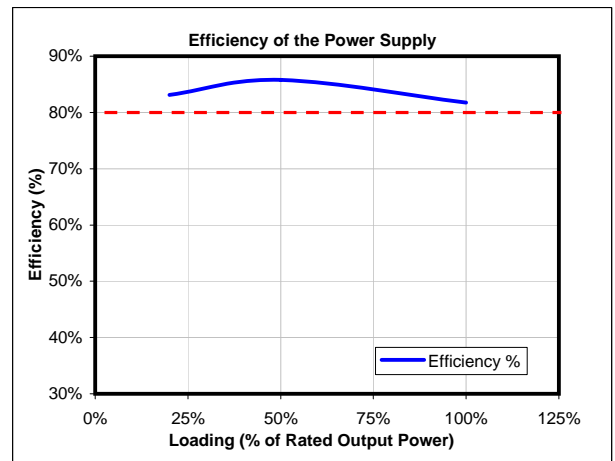
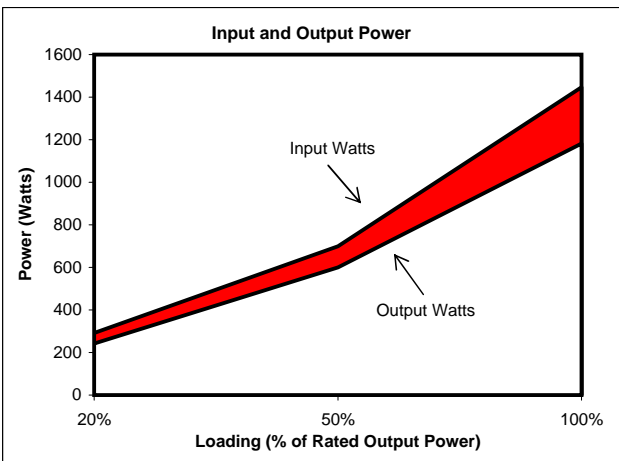
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	18-9	Amps
Input Frequency	50-60	Hz
Rated Output Power	1200	Watts

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



Input AC Current Waveform (ITHD = 7.58%, 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
2.58	0.98	10.8%	20%	Light	291	12/16.7	12.2/0.2	3.4/4.1	5.1/4.3	5.1/0.8	242	83.11%
6.12	0.99	7.6%	50%	Typical	700	12/41.6	12.1/0.4	3.4/10.1	5/10.8	5.1/2	600	85.80%
12.71	0.99	13.3%	100%	Full	1447	11.8/83	11.9/0.8	3.3/20	5/21.6	5/3.9	1182	81.73%



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.