

80 PLUS Verification and Testing Report

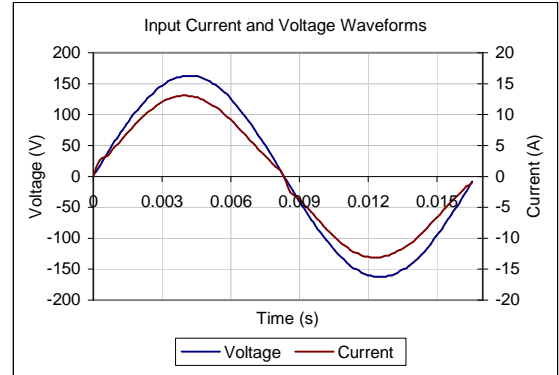


TYPICAL EFFICIENCY (50% Load):	85.58%
AVERAGE EFFICIENCY :	83.53%
80 PLUS COMPLIANT:	YES

Ecos ID #	234
Manufacturer	Be Quiet
Model Number	BQT_P6_PRO_850A_W
Serial Number	NA
Year	2007
Type	ATX
Test Date	6/8/2007

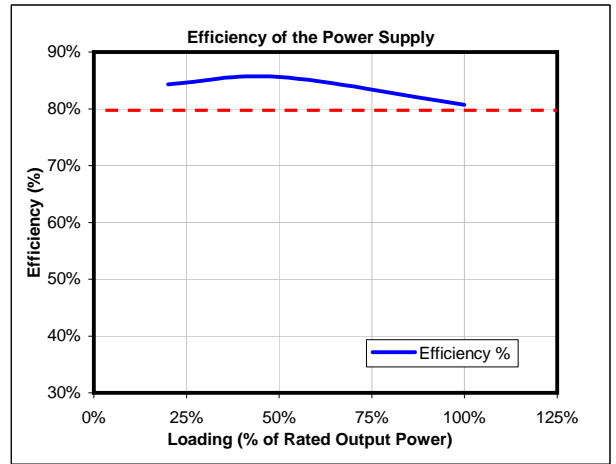
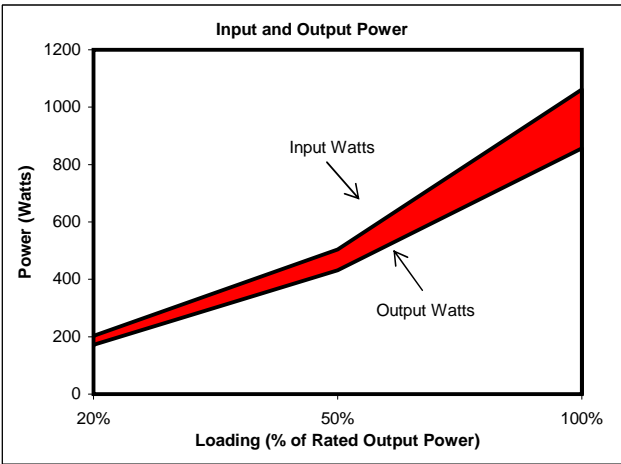
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	60/50	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 3.24%, 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		
1.78	0.99	4.9%	20%	Light	203	12.1/11	12/0.1	3.3/3.4	5.1/4.5	5.2/0.5	171	84.32%
4.39	1.00	3.2%	50%	Typical	504	12.2/27.6	12.1/0.3	3.3/8.5	5/11.3	5.1/1.2	431	85.58%
9.24	1.00	3.3%	100%	Full	1062	12.2/54.9	12.3/0.6	3.3/17	5/22.7	5/2.4	857	80.69%



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.