

80 PLUS Verification and Testing Report

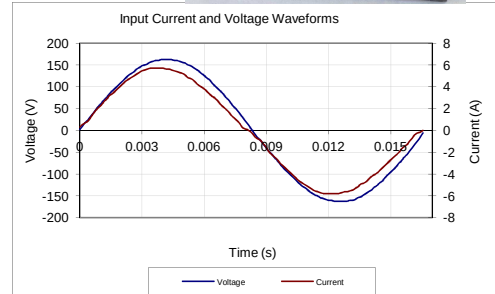
TYPICAL EFFICIENCY (50% Load):	92.30%
AVERAGE EFFICIENCY :	91.15%
80 PLUS COMPLIANT:	YES



Ecos ID #	3076
Manufacturer	Be Quiet
Model Number	BQT P10-850W
Serial Number	N/A
Year	2012
Type	ATX12V
Test Date	4/5/2012

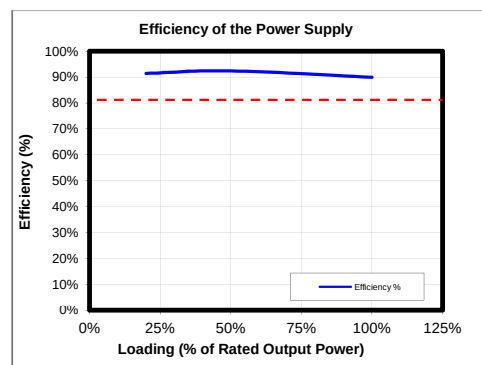
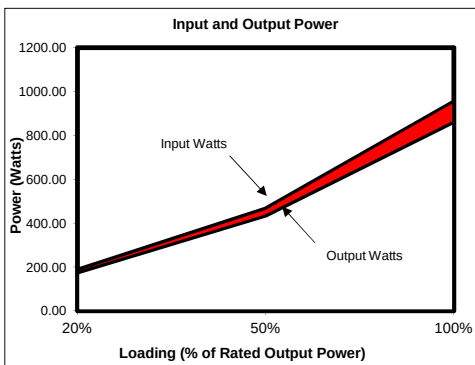
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 4.41%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
					12V (cumulative of 12V1, 12V2, etc.)		-12V	3.3V	5V		
0.88	0.98	10.44%	10%	99.19	12.2/6	12/0	3.3/1.4	5.1/1.4	5.1/0.3	86.67	87.38%
1.66	0.99	6.94%	20%	190.08	12.2/11.9	12/0.1	3.3/2.9	5.1/2.9	5.1/0.5	173.62	91.34%
4.09	1.00	4.41%	50%	469.00	12.2/29.8	12.1/0.2	3.3/7.1	5.1/7.2	5.1/1.3	432.86	92.30%
8.34	1.00	3.52%	100%	957.80	12.2/59.6	12.3/0.4	3.3/14.2	5.1/14.3	5/2.5	860.36	89.83%



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/>

