

80 PLUS Verification and Testing Report

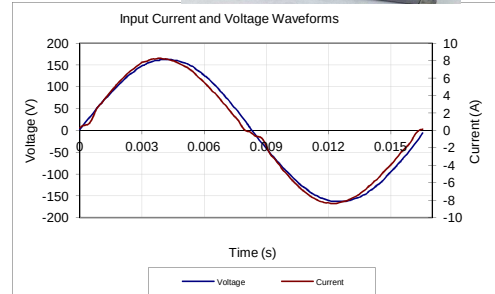
TYPICAL EFFICIENCY (50% Load):	90.69%
AVERAGE EFFICIENCY :	89.37%
80 PLUS COMPLIANT:	YES



Ecos ID #	3078
Manufacturer	Be Quiet
Model Number	BQT P10-1200W
Serial Number	205K2080000033
Year	2012
Type	ATX12V
Test Date	4/5/2012

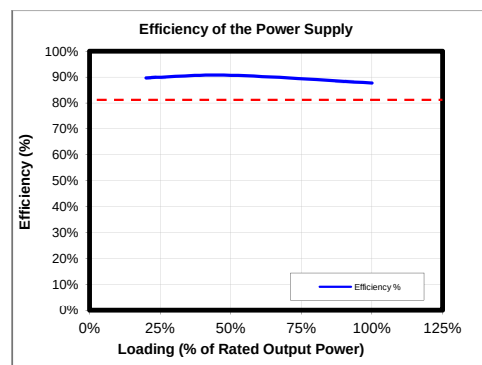
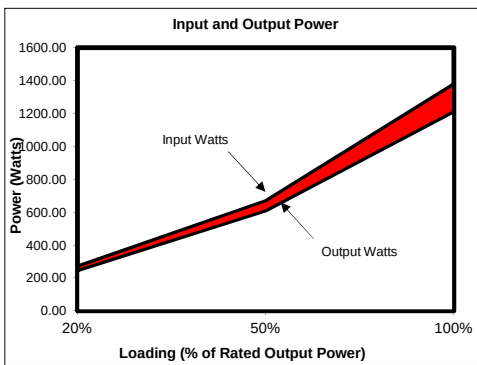
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	14-7	Amps
Input Frequency	50-60	Hz
Rated Output Power	1200	Watts

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



Input AC Current Waveform (ITHD = 6.2%, 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	5Vsb		
1.27	0.99	8.21%	10%	145.01	12.2/8.8	12.3/0	3.4/1.6	5/1.6	5.1/0.3	122.26	84.31%
2.40	0.99	13.46%	20%	272.80	12.2/17.5	12/0.1	3.4/3.2	5/3.2	5.1/0.5	244.71	89.70%
5.85	1.00	6.20%	50%	671.00	12.1/43.8	12.1/0.2	3.4/7.9	5/7.9	5.1/1.3	608.51	90.69%
12.04	1.00	4.78%	100%	1381.40	12.1/87.6	12.5/0.4	3.4/15.8	5/15.9	5/2.6	1211.57	87.71%



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/>

