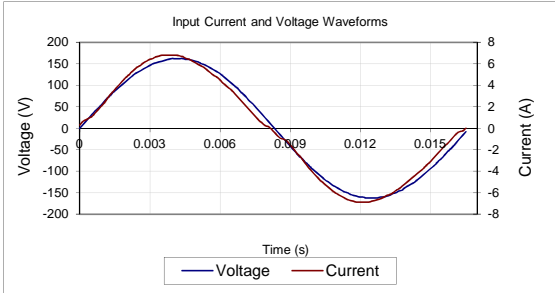


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.61%
AVERAGE EFFICIENCY :	91.56%
80 PLUS COMPLIANT:	YES



Ecos ID #	4311
Manufacturer	Be Quiet
Model Number	P11-1000W
Serial Number	254S5150000282
Year	2015
Type	ATX12V
Test Date	4/23/15

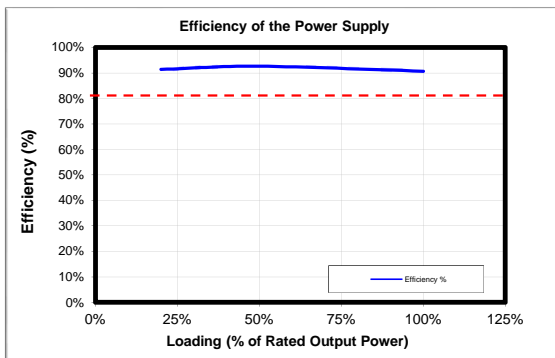
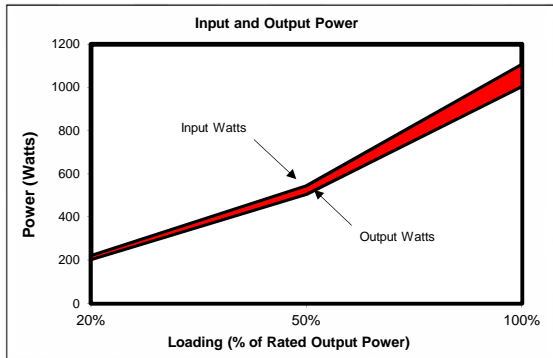


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	14-8	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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

Input AC Current Waveform (ITHD = 6.62%, 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		
1.04	0.96	11.50%	10%	114.69	12.12/7.12	12.12/0.04	3.34/1.55	5.06/1.55	5.11/0.26	101.05	88.11%
1.95	0.99	5.99%	20%	221.17	12.11/14.25	12.12/0.09	3.33/3.1	5.06/3.08	5.1/0.51	202.12	91.38%
4.76	0.99	6.62%	50%	545.10	12.09/35.68	12.11/0.21	3.32/7.73	5.05/7.68	5.06/1.29	504.84	92.61%
9.69	0.99	7.81%	100%	1107.10	12.05/71.2	12.09/0.43	3.3/15.4	5.02/15.34	5/2.57	1003.99	90.69%



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>

