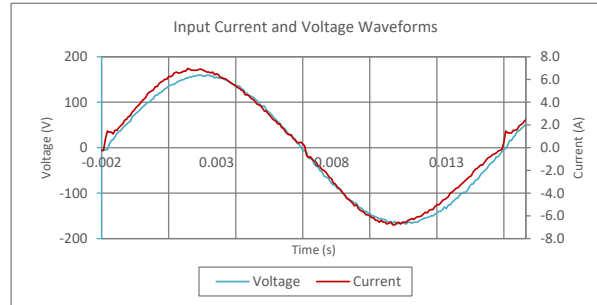


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	94.21%
AVERAGE EFFICIENCY :	93.14%
80 PLUS COMPLIANT:	YES



ID Number	6240
Manufacturer	Be Quiet
Model Number	P12-1000W
Serial Number	316S0471000097
Year	2020
Type	ATX12V
Test Date	12/15/20

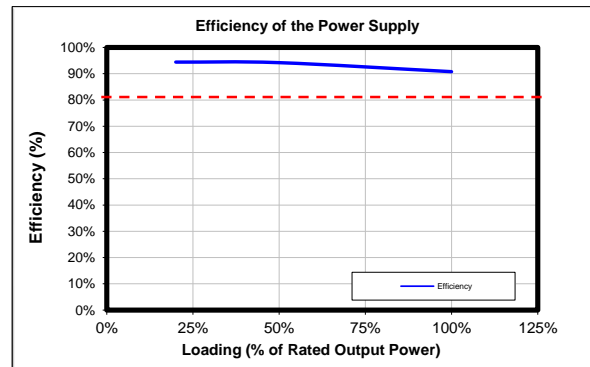
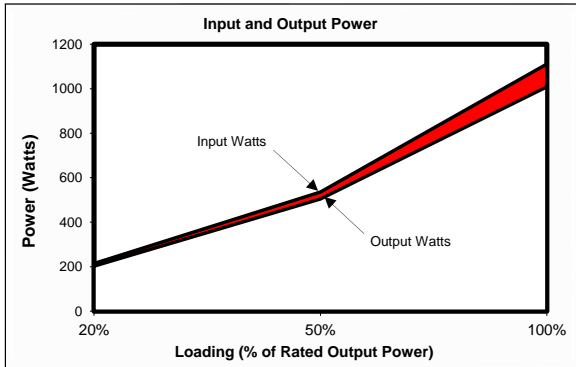


Input AC Current Waveform (ITHD = 5%, 50% Load)

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.

I _{RMS}	PF	I _{THD}	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)						
0.98	0.98	8.37%	10%	109.83	12.04/7.29	12.12/0.04	3.39/1.32	5.09/1.32	5.07/0.26	100.73	91.72%
1.88	0.99	5.51%	20%	214.01	12.05/14.59	12.12/0.09	3.4/2.64	5.1/2.62	5.07/0.53	202.09	94.43%
4.67	1.00	5.00%	50%	535.60	12.02/36.51	12.13/0.22	3.45/6.59	5.14/6.53	5.09/1.31	504.61	94.21%
9.71	0.99	7.37%	100%	1111.10	12/72.91	12.13/0.44	3.54/13.2	5.24/13.06	5.11/2.63	1008.66	90.78%



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/>

