

80 PLUS Verification and Testing Report

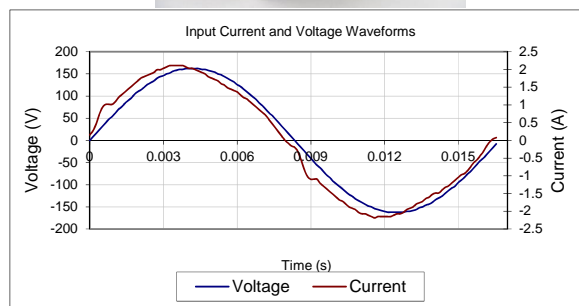
TYPICAL EFFICIENCY (50% Load):	86.30%
AVERAGE EFFICIENCY :	84.59%
80 PLUS COMPLIANT:	YES



Ecos ID #	4554
Manufacturer	Be Quiet
Model Number	L9-300W
Serial Number	260S5511000098
Year	2016
Type	ATX12V
Test Date	3/23/16

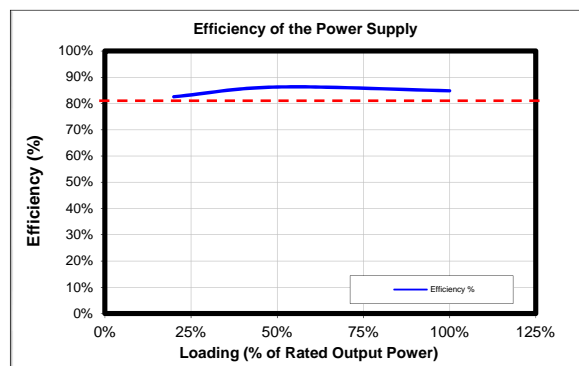
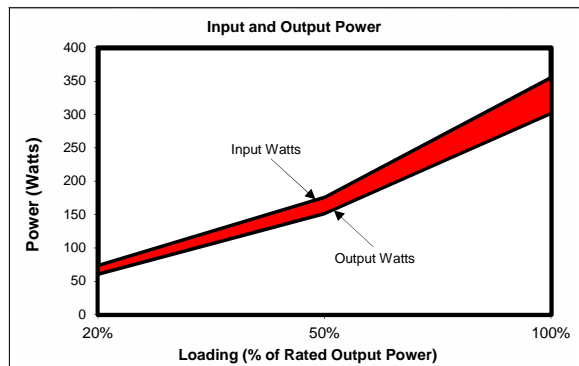
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5-2.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

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



Input AC Current Waveform (ITHD = 5.98%, 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		
0.37	0.93	13.02%	10%	39.87	12.08/1.76	11.95/0.02	3.44/1.1	5.05/0.79	5.08/0.18	30.21	75.76%
0.66	0.97	9.66%	20%	73.46	12.09/3.54	11.98/0.04	3.44/2.21	5.04/1.58	5.07/0.37	60.67	82.59%
1.55	0.99	5.98%	50%	175.66	12.08/8.87	12/0.11	3.42/5.52	5.02/3.92	5.05/0.92	151.60	86.30%
3.12	0.99	8.27%	100%	355.50	12.04/17.73	12.05/0.22	3.39/11.02	4.98/7.83	5.01/1.84	301.72	84.87%



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/>

