

80 PLUS Verification and Testing Report

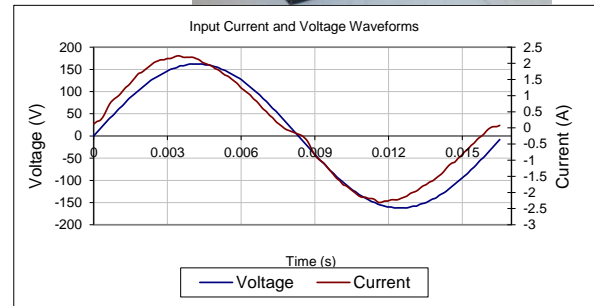
TYPICAL EFFICIENCY (50% Load):	85.85%
AVERAGE EFFICIENCY :	84.19%
80 PLUS COMPLIANT:	YES



ID Number	4782
Manufacturer	Be Quiet
Model Number	L10-300W
Serial Number	270S6431000001
Year	2016
Type	ATX12V
Test Date	12/2/16

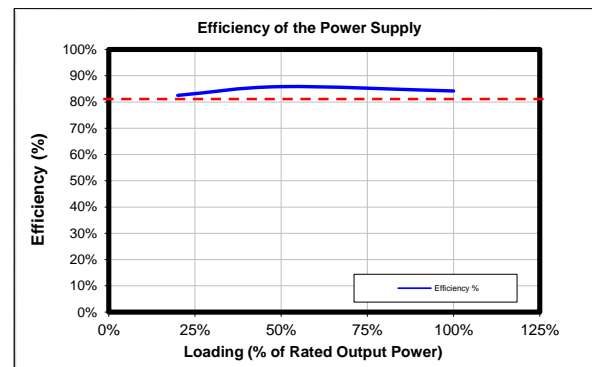
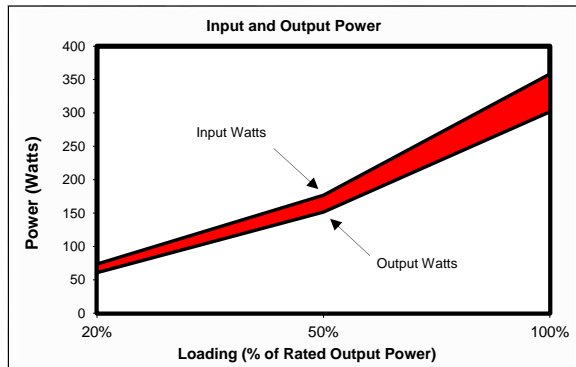
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5-2.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

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



Input AC Current Waveform (ITHD = 7.9%, 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	18.69%	10%	39.79	12.14/1.77	11.93/0.02	3.34/1.1	5.08/0.79	5.02/0.18	30.34	76.25%
0.66	0.97	12.75%	20%	73.63	12.15/3.55	11.95/0.04	3.34/2.21	5.07/1.58	5.01/0.37	60.76	82.52%
1.57	0.98	7.90%	50%	176.69	12.13/8.88	11.97/0.11	3.32/5.52	5.04/3.92	4.99/0.92	151.69	85.85%
3.14	0.99	5.33%	100%	358.40	12.09/17.73	12.02/0.22	3.3/11.03	5.01/7.83	4.96/1.84	301.73	84.19%



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/>

