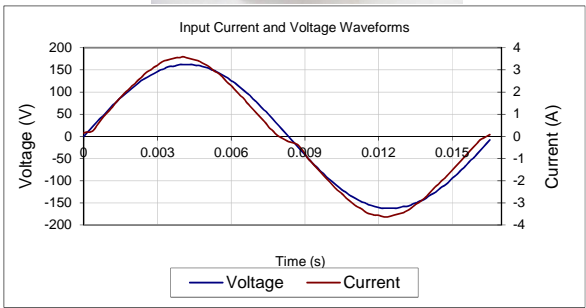


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.10%
AVERAGE EFFICIENCY :	88.58%
80 PLUS COMPLIANT:	YES



Ecos ID #	4557
Manufacturer	Be Quiet
Model Number	L9-500W
Serial Number	263S5511000097
Year	2016
Type	ATX12V
Test Date	3/24/16

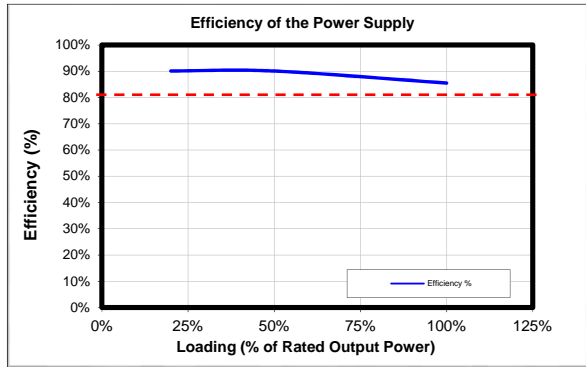
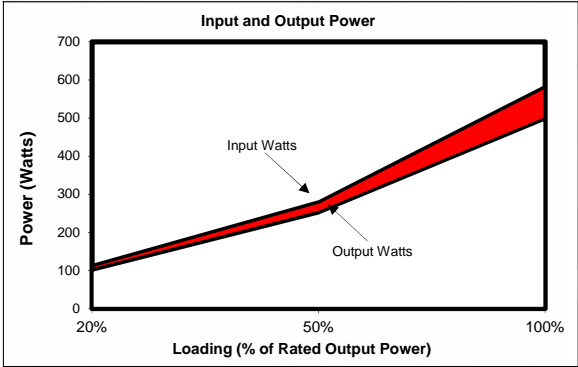


Input AC Current Waveform (ITHD = 8.94%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	Watts

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

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
0.54	0.93	30.38%	10%	58.03	12.12/3.22	11.75/0.02	3.33/1.51	5.16/0.94	5.06/0.24	50.41	86.87%
1.01	0.96	22.95%	20%	112.44	12.1/6.49	11.7/0.05	3.32/3.02	5.16/1.89	5.05/0.48	101.35	90.14%
2.45	0.99	8.94%	50%	279.50	12.04/16.22	11.72/0.12	3.3/7.55	5.14/4.68	5.02/1.21	251.83	90.10%
5.08	1.00	6.35%	100%	582.20	11.9/32.43	11.88/0.24	3.27/15.02	5.14/9.37	4.97/2.42	497.87	85.52%



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/>

