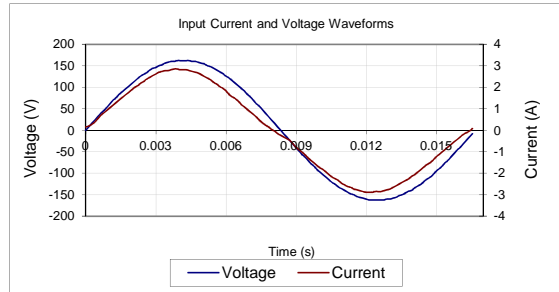


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>89.65%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>88.05%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	4513
<b>Manufacturer</b>	Be Quiet
<b>Model Number</b>	L9-CM-400W
<b>Serial Number</b>	266S5481000075
<b>Year</b>	2016
<b>Type</b>	ATX12V
<b>Test Date</b>	1/6/16

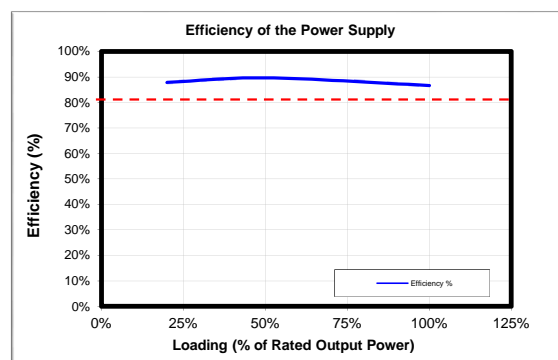
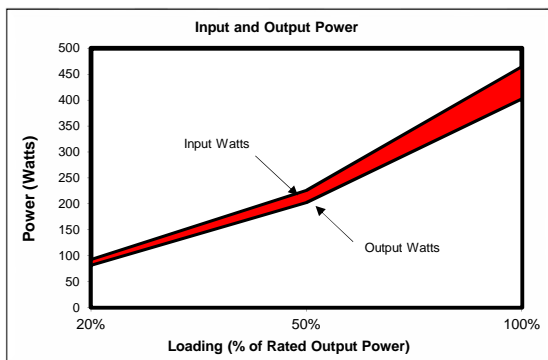


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-4	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>400</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 6.46%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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		
0.46	0.93	22.14%	10%	49.02	12.15/2.46	11.77/0.02	3.29/1.43	5.16/0.89	5.05/0.23	40.62	82.87%
0.83	0.97	15.24%	20%	92.37	12.14/4.91	11.72/0.05	3.28/2.86	5.16/1.78	5.04/0.46	81.12	87.82%
1.97	0.99	6.46%	50%	225.41	12.12/12.28	11.75/0.11	3.26/7.15	5.15/4.44	5.03/1.15	202.07	89.65%
4.04	1.00	3.76%	100%	464.40	12.07/24.58	11.84/0.23	3.24/14.24	5.13/8.86	5/2.3	402.51	86.67%



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/>

