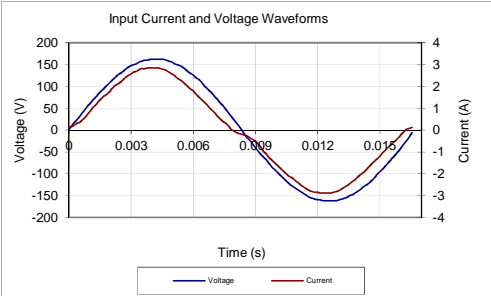


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>91.00%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>89.76%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	4069
<b>Manufacturer</b>	Be Quiet
<b>Model Number</b>	E10-400W
<b>Serial Number</b>	230S4221000097
<b>Year</b>	2014
<b>Type</b>	ATX12V
<b>Test Date</b>	9/3/14

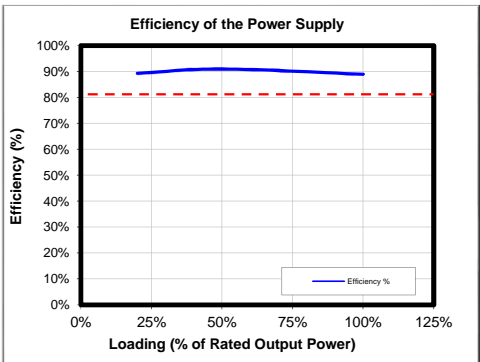
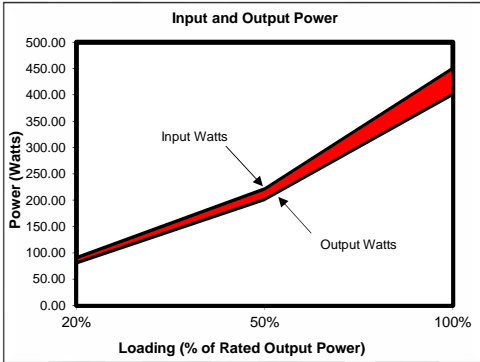


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-3	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>400</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 10.57%, 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.)										
0.44	0.95	28.97%	10%	47.61	12.1/2.5					11.6/0	3.4/1.3	5/0.9	5.1/0.2	40.51	85.10%
0.81	0.97	21.05%	20%	90.39	12.1/4.9					11.6/0.1	3.4/2.7	5/1.9	5.1/0.5	80.73	89.32%
1.94	0.99	10.57%	50%	221.50	12.1/12.3					11.6/0.1	3.3/6.7	5/4.7	5/1.2	201.56	91.00%
3.93	1.00	10.45%	100%	450.90	12.1/24.5					11.7/0.2	3.3/13.4	5/9.4	5/2.3	401.17	88.97%



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/>

