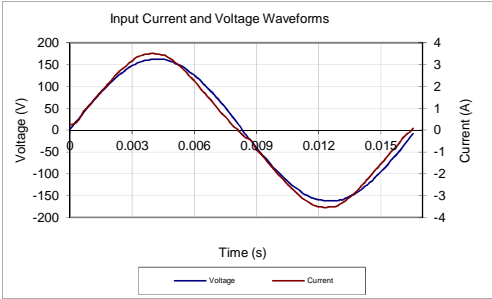


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>90.95%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>89.84%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	4073
<b>Manufacturer</b>	Be Quiet
<b>Model Number</b>	E10-CM-500W
<b>Serial Number</b>	234S4211000003
<b>Year</b>	2014
<b>Type</b>	ATX12V
<b>Test Date</b>	9/4/14

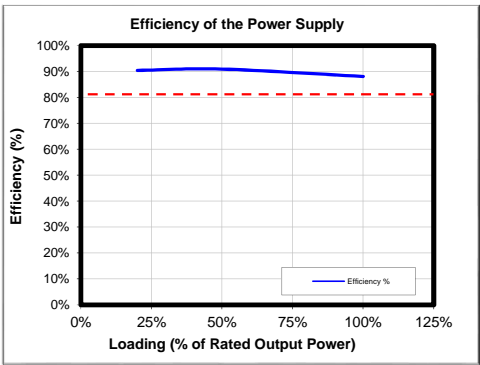
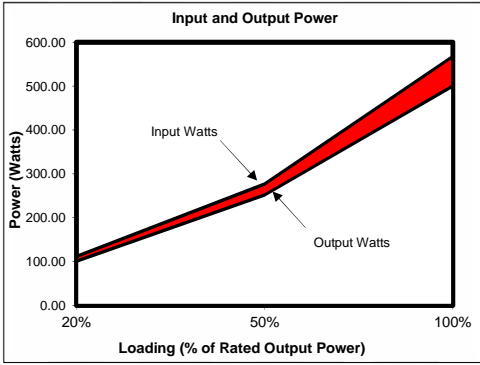


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>500</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 7.16%, 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.)						
0.52	0.96	21.58%	10%	58.02	12.1/3.2	11.6/0	3.4/1.2	5/1.2	5.1/0.2	50.55	87.13%
0.99	0.98	15.57%	20%	111.66	12.1/6.4	11.6/0.1	3.4/2.5	5/2.5	5.1/0.5	101.01	90.46%
2.42	1.00	7.16%	50%	276.90	12.1/15.9	11.6/0.1	3.4/6.2	5/6.2	5.1/1.2	251.84	90.95%
4.94	1.00	4.19%	100%	568.00	12/31.9	11.7/0.2	3.3/12.4	5/12.4	5/2.4	500.53	88.12%



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/>

