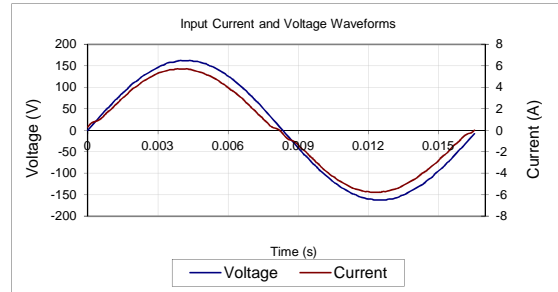


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.70%
AVERAGE EFFICIENCY :	91.68%
80 PLUS COMPLIANT:	YES



Ecos ID #	4310
Manufacturer	Be Quiet
Model Number	P11-850W
Serial Number	253S505000099
Year	2015
Type	ATX12V
Test Date	4/23/15

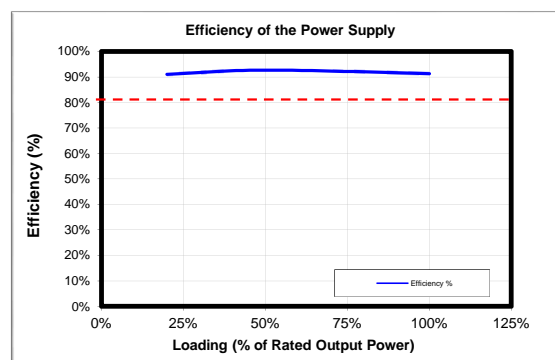
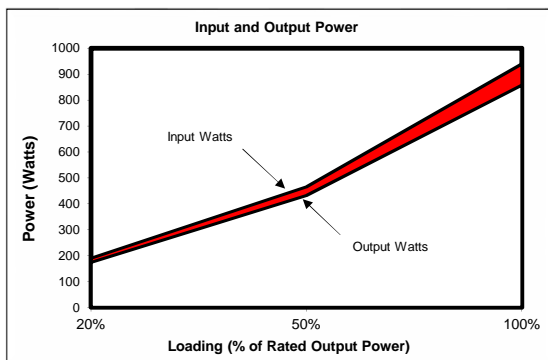


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13-7	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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

Input AC Current Waveform (ITHD = 4.99%, 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		
0.91	0.95	11.17%	10%	98.67	12.19/5.96	12.17/0.04	3.36/1.43	5.04/1.43	5.09/0.25	86.48	87.64%
1.68	0.98	5.87%	20%	189.77	12.18/11.92	12.17/0.08	3.36/2.86	5.04/2.84	5.08/0.51	172.73	91.02%
4.06	1.00	4.99%	50%	465.00	12.16/29.81	12.17/0.21	3.34/7.16	5.02/7.11	5.05/1.27	431.06	92.70%
8.19	1.00	4.33%	100%	939.50	12.12/59.53	12.16/0.42	3.33/14.26	4.99/14.18	4.99/2.55	857.79	91.30%



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>

