

80 PLUS Verification and Testing Report

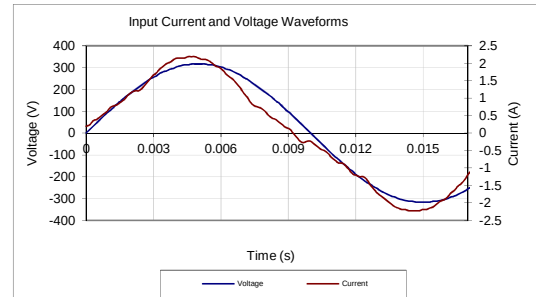
TYPICAL EFFICIENCY (50% Load):	86.92%
AVERAGE EFFICIENCY :	85.41%
80 PLUS COMPLIANT:	YES



Ecos ID #	EU-170
Manufacturer	Be Quiet
Model Number	SB8-550W
Serial Number	259H5370000006
Year	2015
Type	ATX12V
Test Date	10/22/15

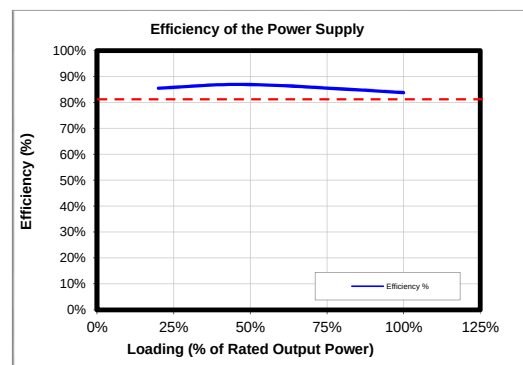
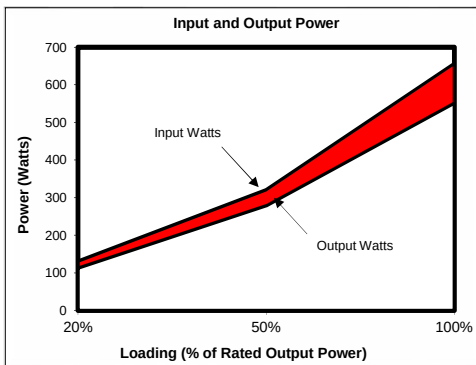
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	5	Amps
Input Frequency	50	Hz
Rated Output Power	550	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 14.61%, 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		
0.36	0.83	39.10%	10%	69.39	12.23/3.61	12.06/0.03	3.34/1.57	5.05/0.98	5.01/0.25	56.02	80.73%
0.62	0.92	22.86%	20%	131.13	12.23/7.25	12.11/0.05	3.34/3.14	5.03/1.95	4.99/0.5	112.11	85.49%
1.42	0.98	14.61%	50%	320.70	12.21/18.07	12.19/0.13	3.32/7.84	4.99/4.86	4.96/1.26	278.75	86.92%
2.90	0.98	15.06%	100%	657.60	12.18/35.87	12.36/0.25	3.28/15.6	4.91/9.73	4.89/2.52	551.25	83.83%



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/>

