80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	**91.73%**
AVERAGE EFFICIENCY :	**90.30%**
80 PLUS COMPLIANT:	**YES**

ID Number	5115
Manufacturer	Be Quiet
Model Number	E11-750W
Serial Number	283S7330000016
Year	2017
Type	ATX12V
Test Date	10/24/17

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	**750**	**Watts**

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

Input Current and Voltage Waveforms
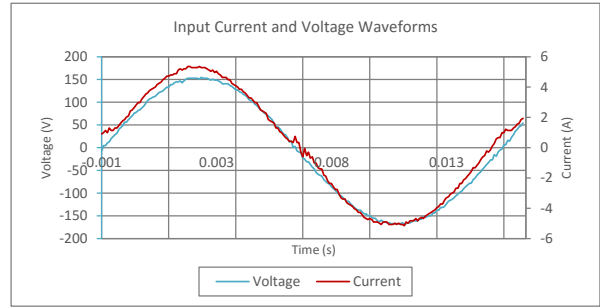
Input AC Current Waveform (ITHD = 4.451%, 50% Load)

I_{RMS}	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		
0.78	0.96	9.46%	10%	85.55	12.05/5.11	12.11/0.04	3.37/1.47	5.05/1.47	5.1/0.24	75.63	**88.40%**
1.46	0.99	5.79%	20%	166.26	12.05/10.21	12.13/0.08	3.36/2.94	5.04/2.91	5.09/0.49	151.08	**90.87%**
3.59	1.00	4.45%	50%	411.13	12.02/25.57	12.17/0.2	3.33/7.36	5.01/7.3	5.05/1.22	377.12	**91.73%**
7.37	1.00	4.24%	100%	846.27	11.97/50.93	12.21/0.41	3.27/14.76	4.96/14.55	4.98/2.44	747.32	**88.31%**

Input and Output Power

Efficiency of the Power Supply
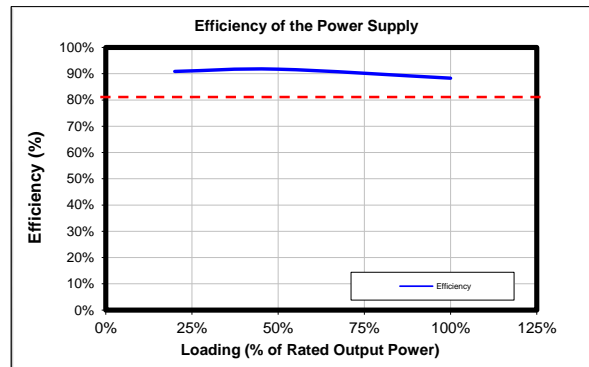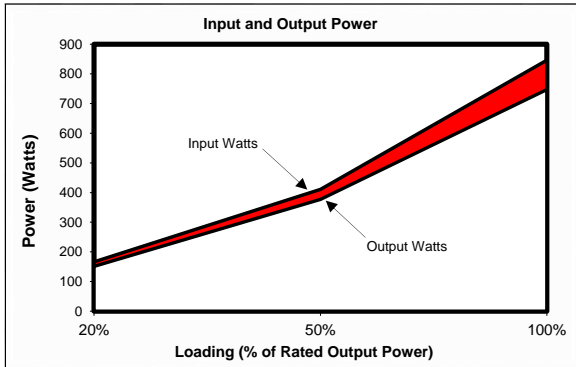
These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. *http://www.80plus.org/*