

80 PLUS Verification and Testing Report

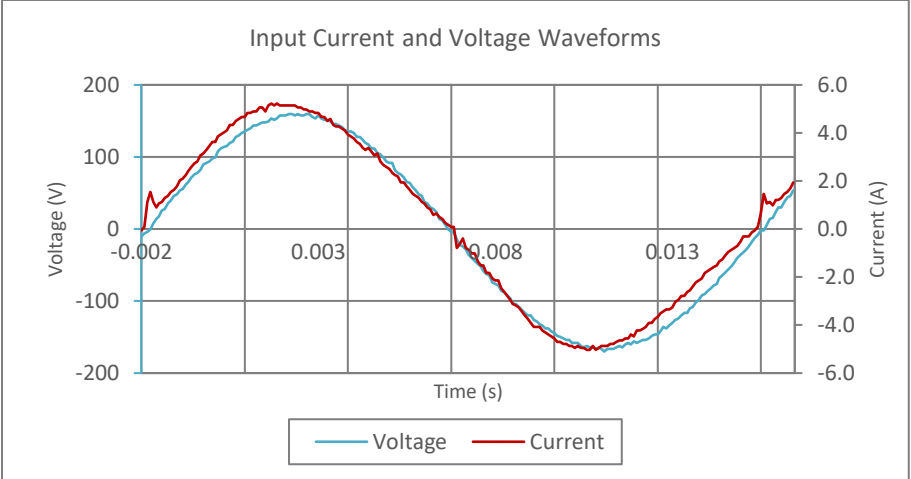
TYPICAL EFFICIENCY (50% Load):	94.52%
AVERAGE EFFICIENCY :	93.24%
80 PLUS COMPLIANT:	YES



ID Number	6242.1
Manufacturer	Be Quiet
Model Number	P13-750W
Serial Number	314S0471000097
Year	2020
Type	ATX12V
Test Date	12/15/20

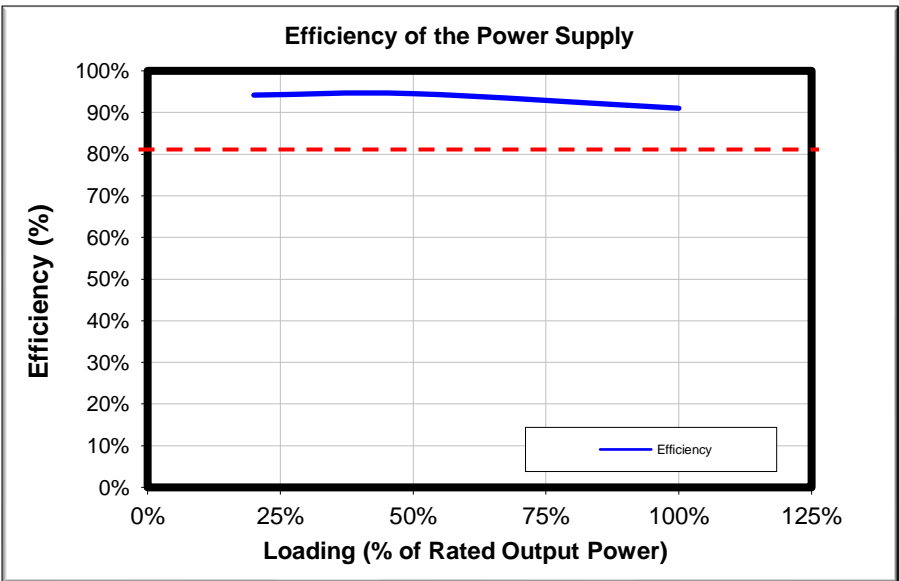
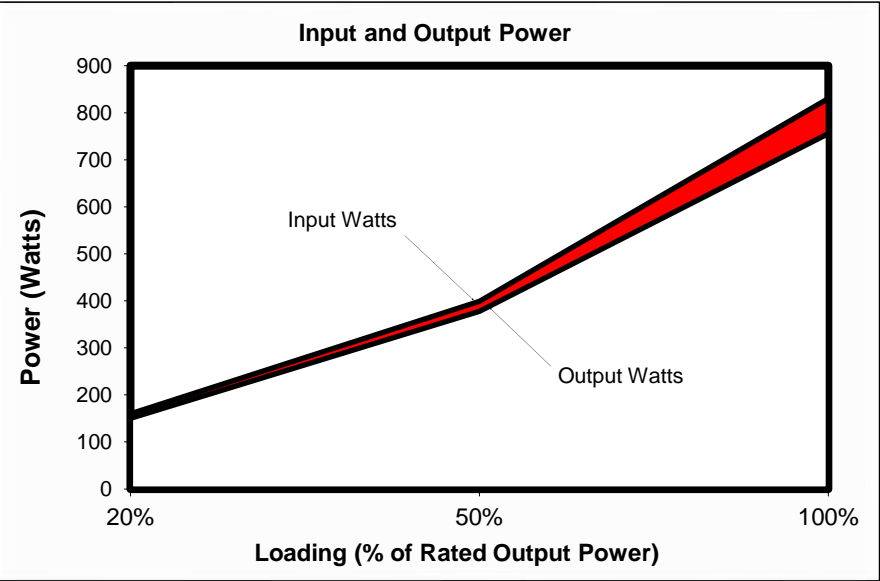
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 5.44%, 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		
0.74	0.97	8.41%	10%	82.89	12.02/5.34	11.99/0.04	3.38/1.14	5.09/1.14	5.07/0.26	75.66	91.28%
1.41	0.99	6.48%	20%	160.03	12.01/10.64	11.99/0.09	3.4/2.27	5.11/2.26	5.08/0.51	150.71	94.18%
3.49	0.99	5.44%	50%	399.30	11.99/26.67	12/0.21	3.41/5.67	5.16/5.63	5.07/1.29	377.41	94.52%
7.26	0.99	7.79%	100%	830.20	11.97/53.32	11.99/0.43	3.54/11.37	5.24/11.25	5.12/2.57	755.62	91.02%



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/>