

# 80 PLUS Verification and Testing Report

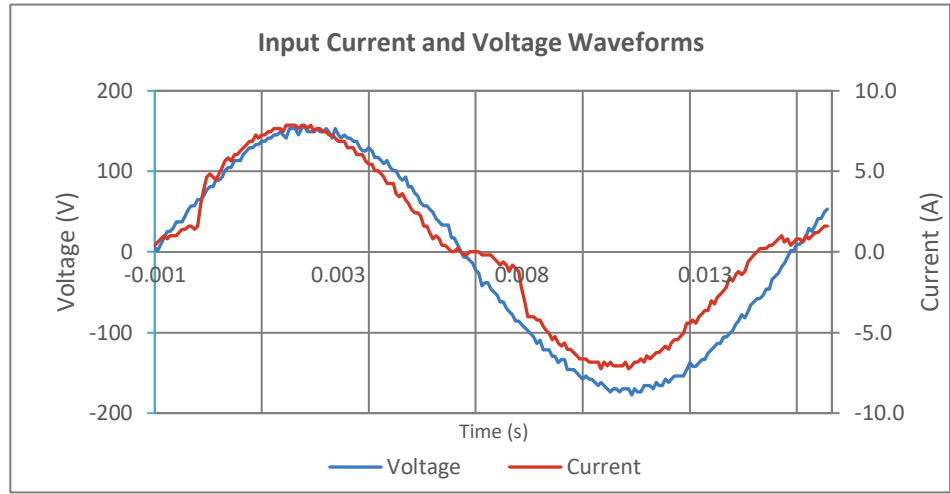
TYPICAL EFFICIENCY (50% Load):	91.20%
AVERAGE EFFICIENCY :	89.44%
80 PLUS COMPLIANT:	Gold



ID Number	6867
Manufacturer	Be Quiet
Model Number	L12-M-1000W
Serial Number	N/A
Year	2022
Type	ATX12V
Test Date	9/15/22

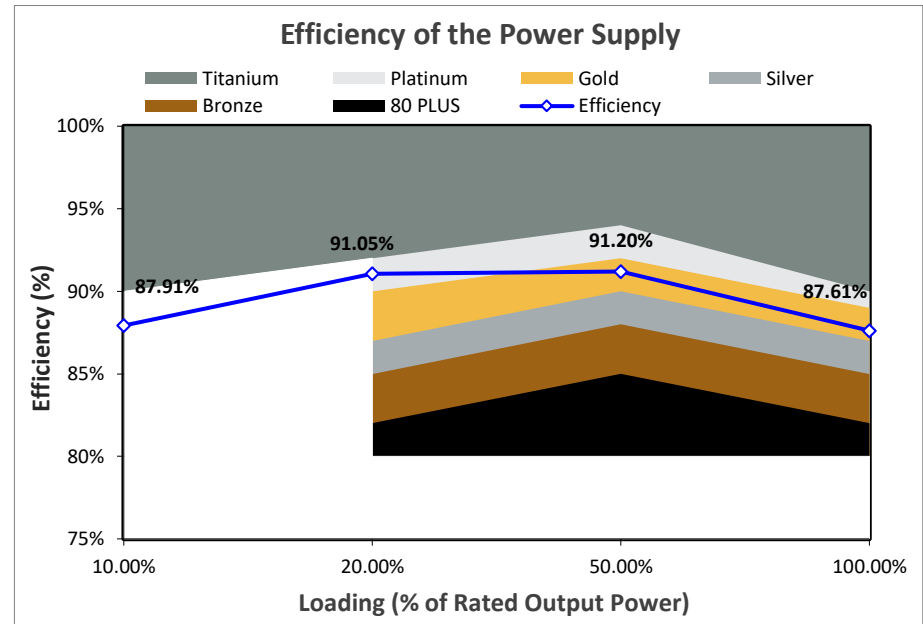
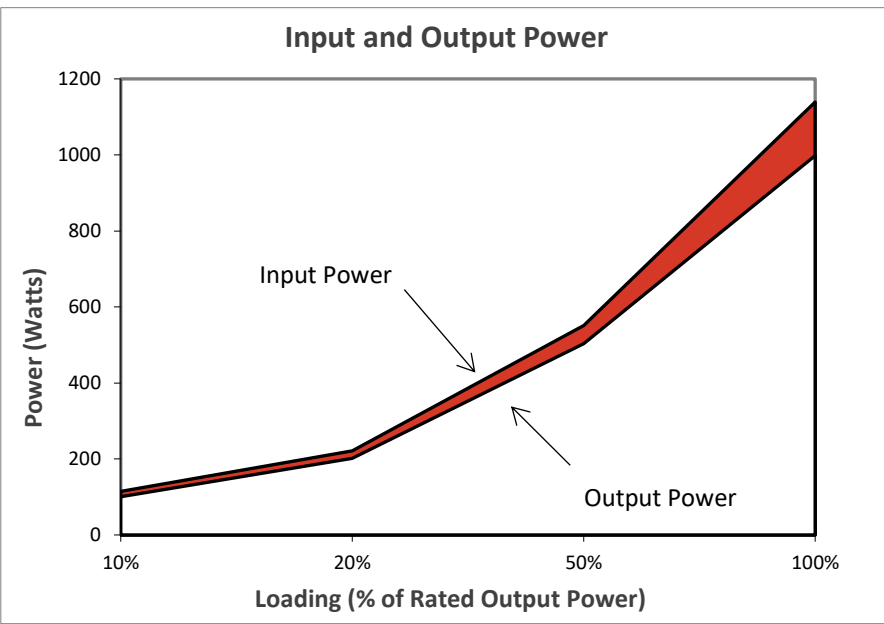
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 16.17%, 50% Load)

I <sub>RMS</sub>	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.)	-12V	3.3V	5V	5Vsb		
1.055	0.9457	33.11%	10%	114.70	12.04/7.35	12.08/0.03	3.33/1.27	5.07/1.27	5.1/0.26	100.83	87.91%
1.986	0.9682	25.22%	20%	221.20	12.03/14.68	12.09/0.05	3.36/2.54	5.1/2.54	5.09/0.53	201.41	91.05%
4.875	0.9838	16.17%	50%	551.50	11.98/36.76	12.1/0.13	3.45/6.33	5.19/6.28	5.06/1.32	502.95	91.20%
9.961	0.9946	8.68%	100%	1139.10	11.88/73.24	12.1/0.26	3.6/12.71	5.33/12.56	5.01/2.63	998.02	87.61%



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/>