

80 PLUS Verification and Testing Report

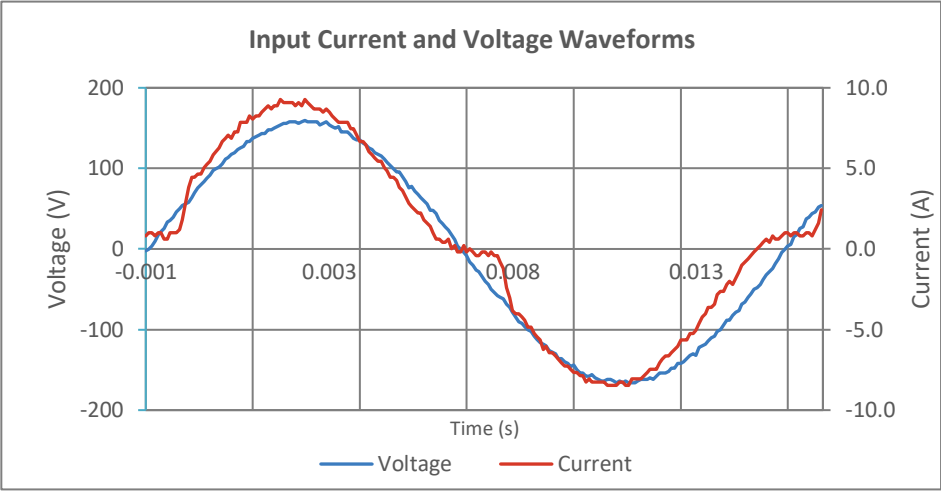
TYPICAL EFFICIENCY (50% Load):	91.75%
AVERAGE EFFICIENCY :	89.94%
80 PLUS COMPLIANT:	Gold



ID Number	6936
Manufacturer	Be Quiet
Model Number	L12-M-1200W
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	1/9/23

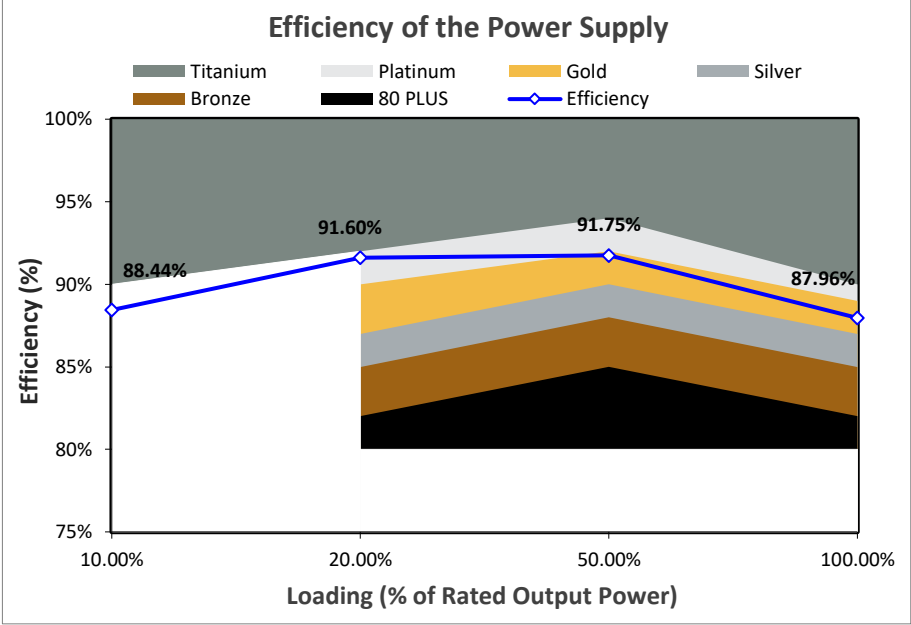
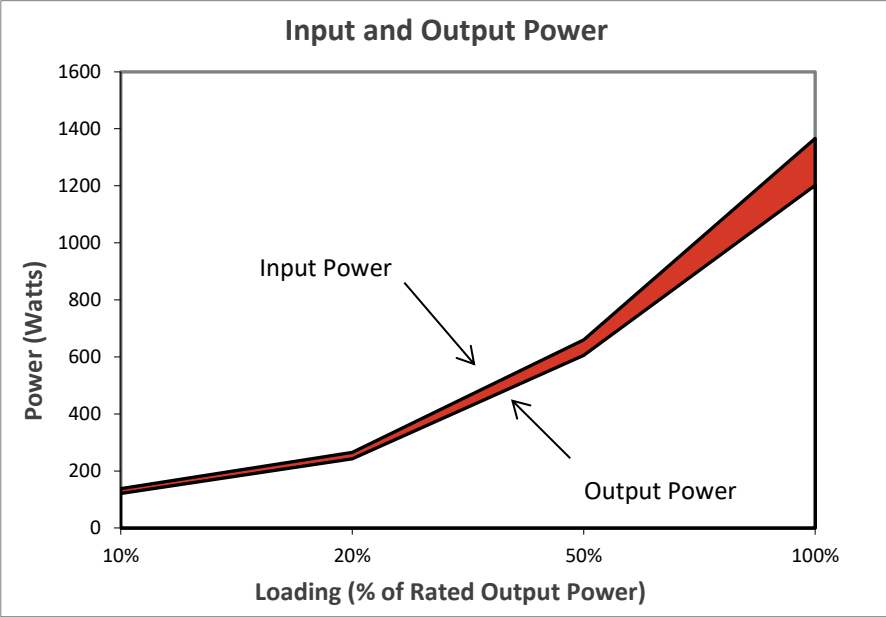
Rated Specifications		Value	Units
Input Voltage		110-240	Volts
Input Current		15-7.5	Amps
Input Frequency		50-60	Hz
Rated Output Power		1200	Watts

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



Input AC Current Waveform (ITHD = 13.97%, 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		
1.262	0.9449	29.99%	10%	137.09	12.11/8.98	12.14/0.03	3.33/1.3	5/1.3	5.11/0.27	121.25	88.44%
2.407	0.9576	26.56%	20%	265.10	12.1/18	12.15/0.05	3.36/2.59	5.03/2.59	5.09/0.54	242.83	91.60%
5.822	0.9865	13.97%	50%	660.50	12.06/45.01	12.17/0.13	3.46/6.48	5.13/6.42	5.04/1.34	606.03	91.75%
11.938	0.9956	7.58%	100%	1366.50	11.97/89.51	12.19/0.27	3.63/12.97	5.31/12.82	4.99/2.69	1202.01	87.96%



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/>