

80 PLUS Verification and Testing Report

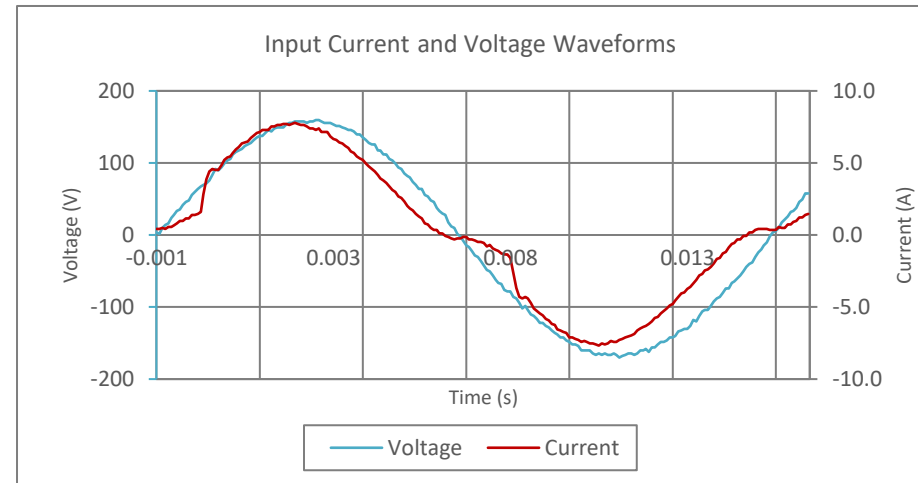
TYPICAL EFFICIENCY (50% Load):	92.16%
AVERAGE EFFICIENCY :	90.87%
80 PLUS COMPLIANT:	YES



ID Number	6685
Manufacturer	Be Quiet
Model Number	L11-FM-1000W
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	9/29/21

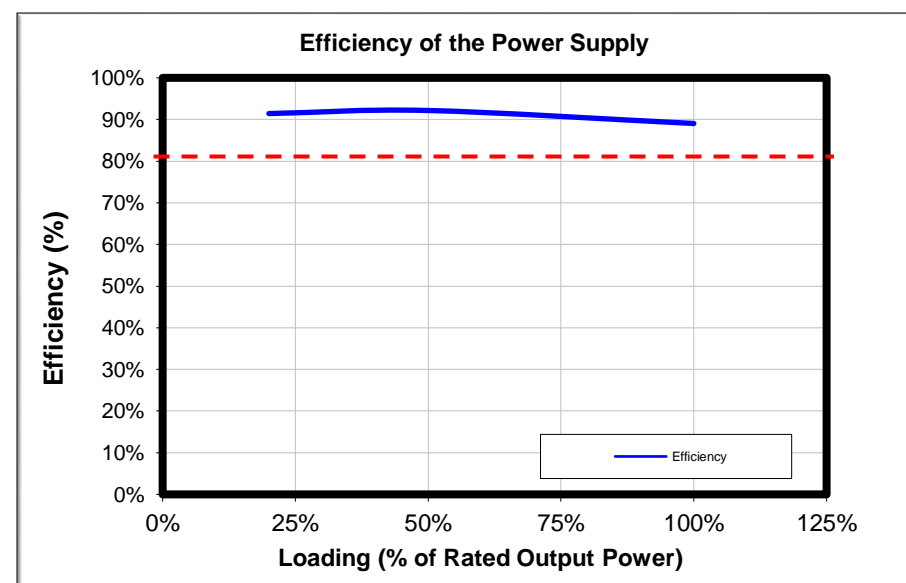
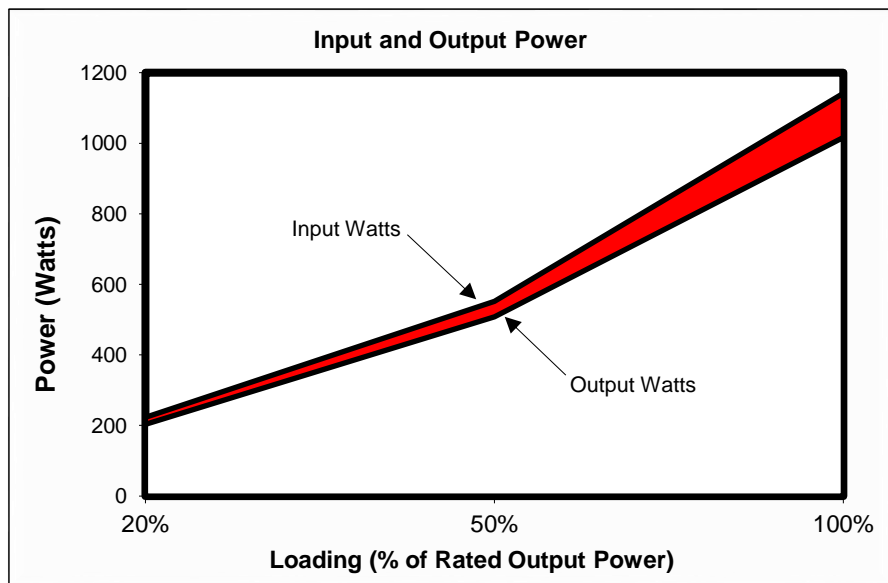
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 17.99%, 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		
1.06	0.95	29.00%	10%	116.19	12.19/7.35	12.08/0.03	3.3/1.27	5.01/1.27	5.12/0.26	101.77	87.59%
2.00	0.97	25.50%	20%	222.81	12.18/14.72	12.09/0.05	3.33/2.54	5/2.53	5.1/0.53	203.70	91.42%
4.90	0.98	17.99%	50%	551.30	12.14/36.74	12.1/0.13	3.4/6.35	5.1/6.3	5.07/1.32	508.06	92.16%
10.02	0.99	10.69%	100%	1141.50	12.11/73.41	12.12/0.26	3.54/12.71	5.27/12.57	5.03/2.64	1016.36	89.04%



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/>