

80 PLUS Verification and Testing Report

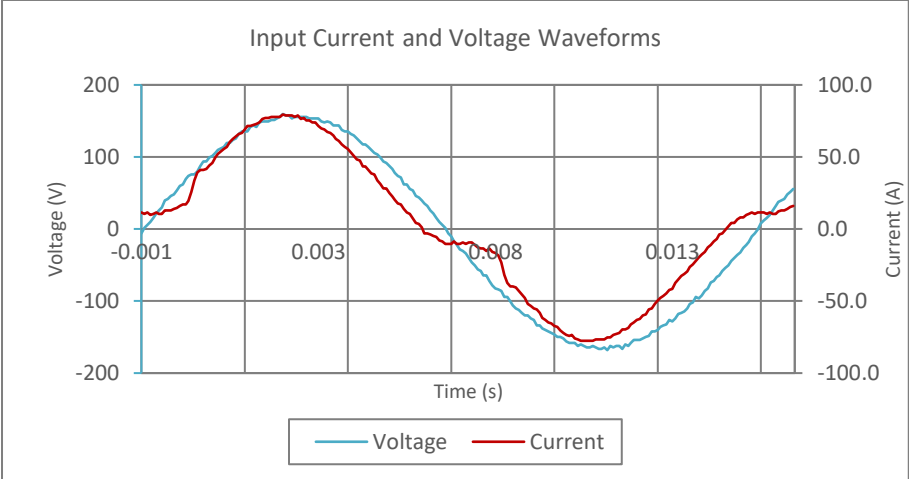
TYPICAL EFFICIENCY (50% Load):	91.77%
AVERAGE EFFICIENCY :	90.44%
80 PLUS COMPLIANT:	YES



ID Number	6352
Manufacturer	EVGA Corporation
Model Number	1000 G6
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	1/29/21

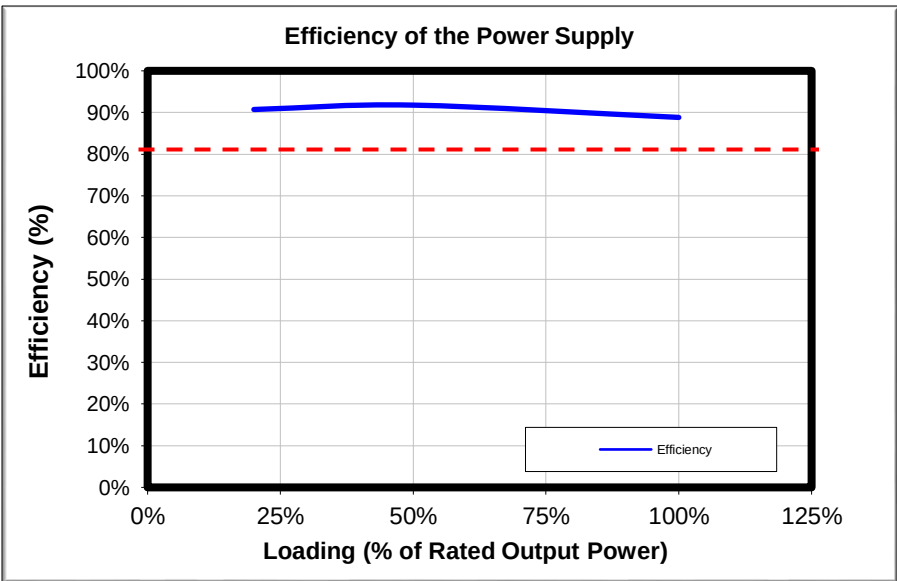
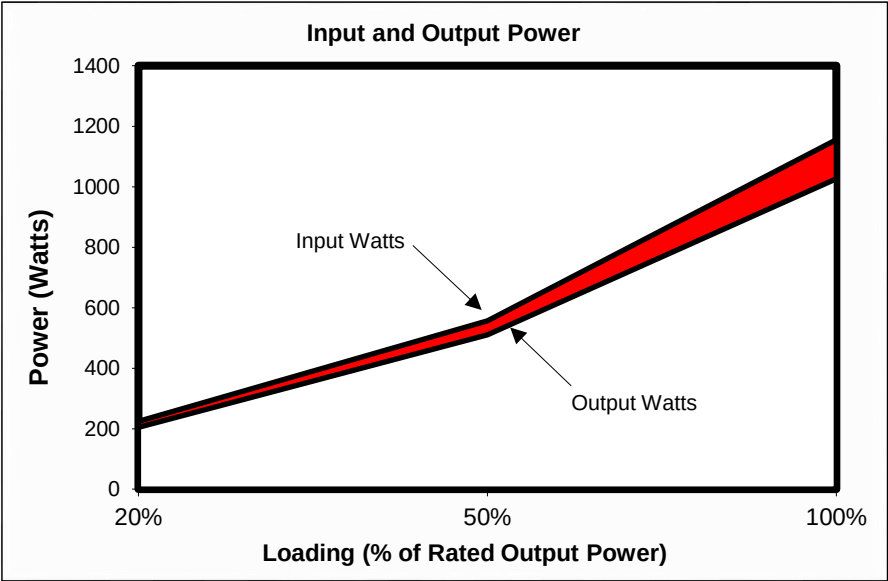
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13-6.5	Amps
Input Frequency	60/50	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 17.94%, 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	0.96	21.23%	10%	117.33	12.2/7.31	12.03/0.04	3.35/1.31	5.06/1.31	5.1/0.26	101.93	86.88%
2.03	0.96	24.09%	20%	224.56	12.18/14.6	12.04/0.09	3.35/2.63	5.06/2.61	5.08/0.52	203.72	90.72%
4.95	0.98	17.94%	50%	556.60	12.22/36.51	12.03/0.22	3.41/6.57	5.07/6.51	5.05/1.31	510.79	91.77%
10.17	0.99	0.00%	100%	1155.20	12.29/72.95	12.07/0.44	3.42/13.17	5.08/13.02	4.99/2.62	1026.01	88.82%



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/>