

80 PLUS Verification and Testing Report

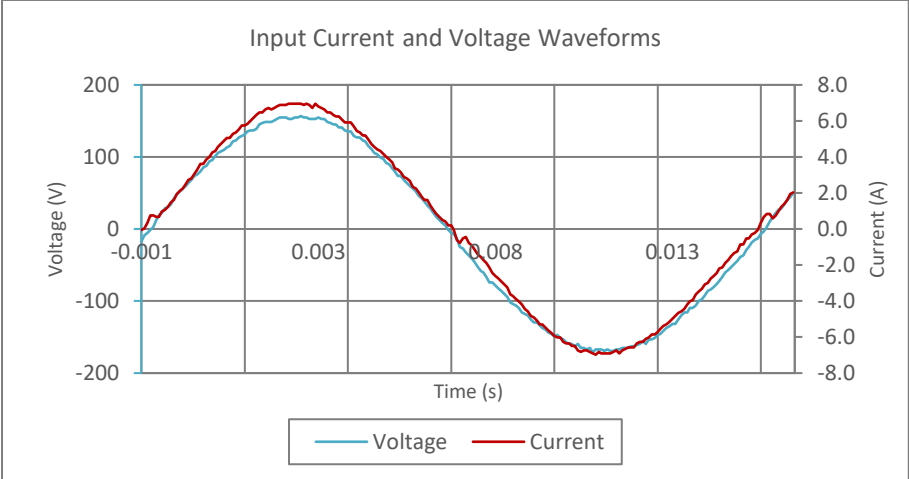
TYPICAL EFFICIENCY (50% Load):	91.06%
AVERAGE EFFICIENCY :	89.91%
80 PLUS COMPLIANT:	YES



ID Number	5571
Manufacturer	EVGA Corporation
Model Number	1000 G5
Serial Number	N/A
Year	2019
Type	ATX12V, EPS12V
Test Date	6/12/19

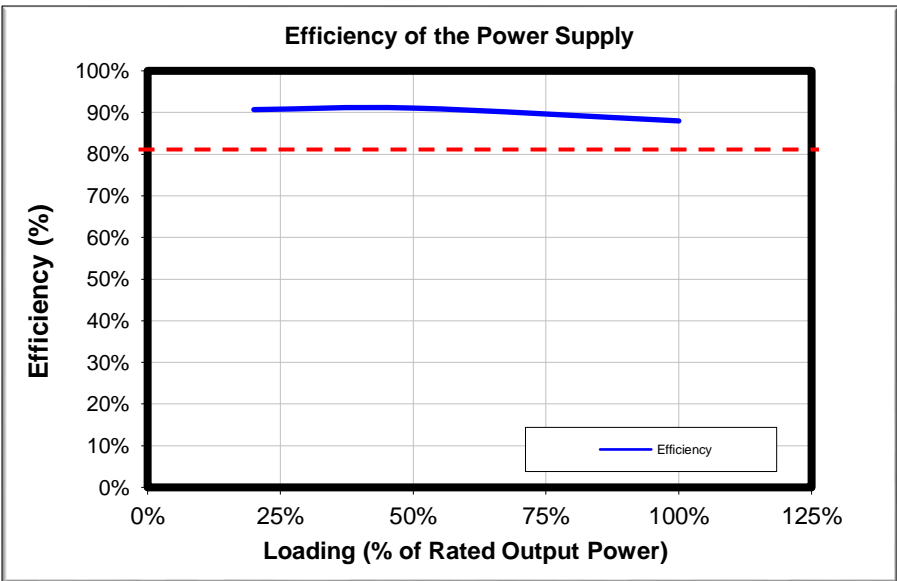
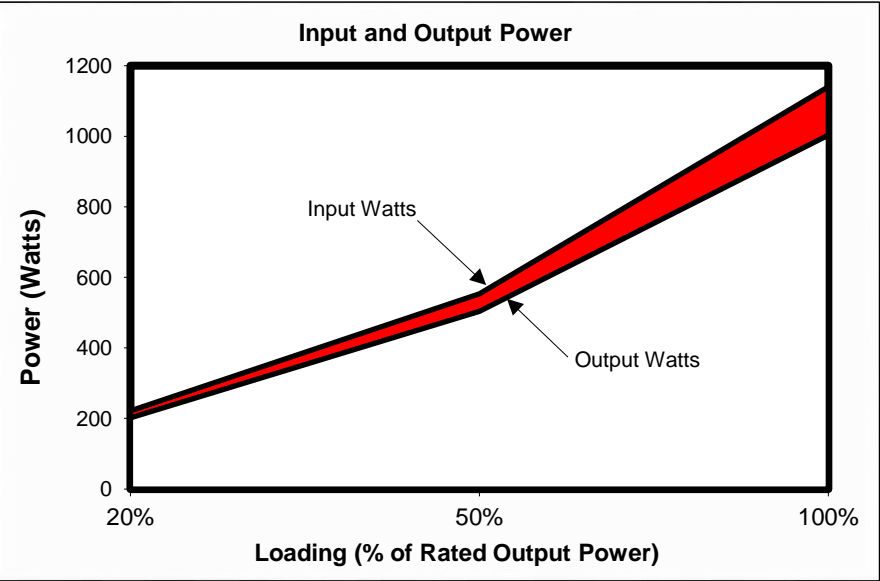
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-8	Amps
Input Frequency	60/50	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 4.54%, 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		
1.03	0.97	24.90%	10%	115.10	12.04/7.33	12/0.04	3.35/1.27	5.06/1.27	5.06/0.26	100.79	87.57%
1.96	0.99	14.96%	20%	222.50	12.04/14.69	12/0.09	3.36/2.53	5.06/2.51	5.06/0.53	201.78	90.69%
4.82	1.00	4.54%	50%	553.10	12.02/36.71	12.01/0.22	3.37/6.34	5.07/6.29	5.05/1.31	503.63	91.06%
9.93	1.00	3.15%	100%	1140.20	11.99/73.25	12.03/0.44	3.41/12.68	5.07/12.54	5.04/2.63	1003.15	87.98%



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/>

