

80 PLUS Verification and Testing Report

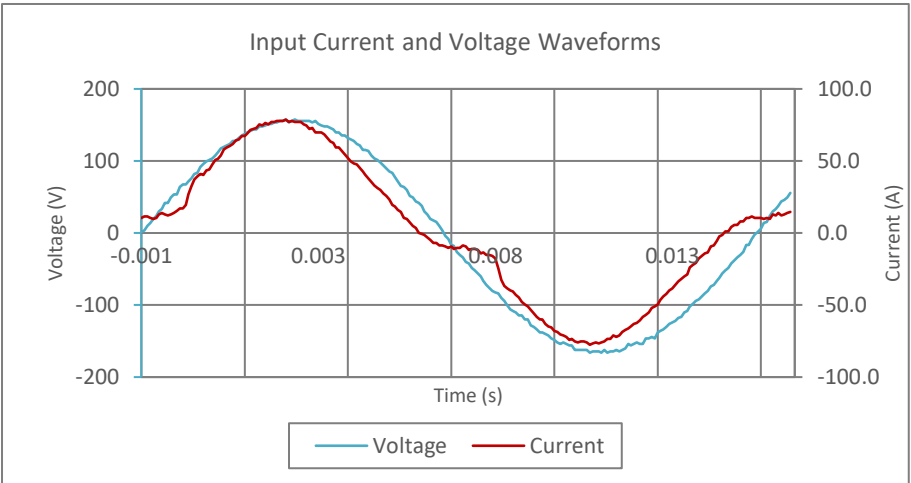
TYPICAL EFFICIENCY (50% Load):	92.51%
AVERAGE EFFICIENCY :	91.19%
80 PLUS COMPLIANT:	YES



ID Number	6459
Manufacturer	EVGA Corporation
Model Number	1000 P6
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	2/1/21

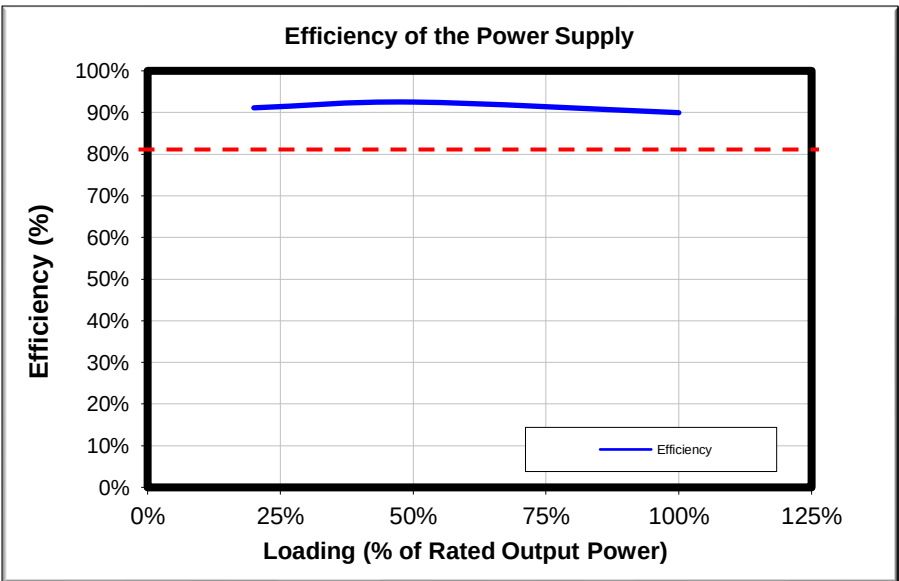
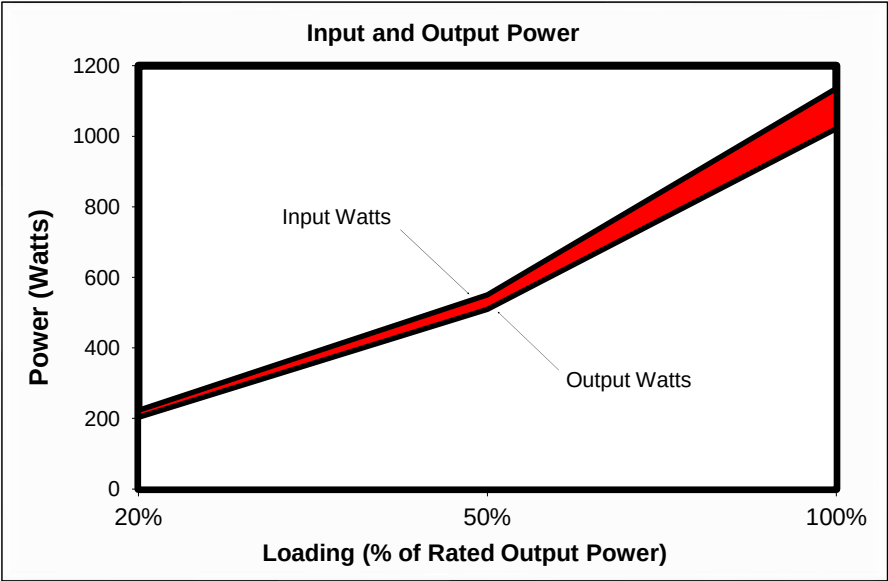
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13-6.5	Amps
Input Frequency	60/50	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 17.44%, 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		
1.04	0.97	19.80%	10%	116.25	12.17/7.32	11.96/0.04	3.34/1.31	5.02/1.31	5.09/0.26	101.81	87.58%
2.01	0.96	23.35%	20%	223.01	12.16/14.6	11.95/0.09	3.35/2.63	5.02/2.61	5.08/0.52	203.19	91.11%
4.89	0.98	17.44%	50%	550.00	12.18/36.51	11.97/0.22	3.37/6.57	5.02/6.51	5.04/1.31	508.78	92.51%
10.00	0.99	13.37%	100%	1135.60	12.23/72.97	11.97/0.44	3.45/13.16	5.03/13.01	4.98/2.62	1021.57	89.96%



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/>