

80 PLUS Verification and Testing Report

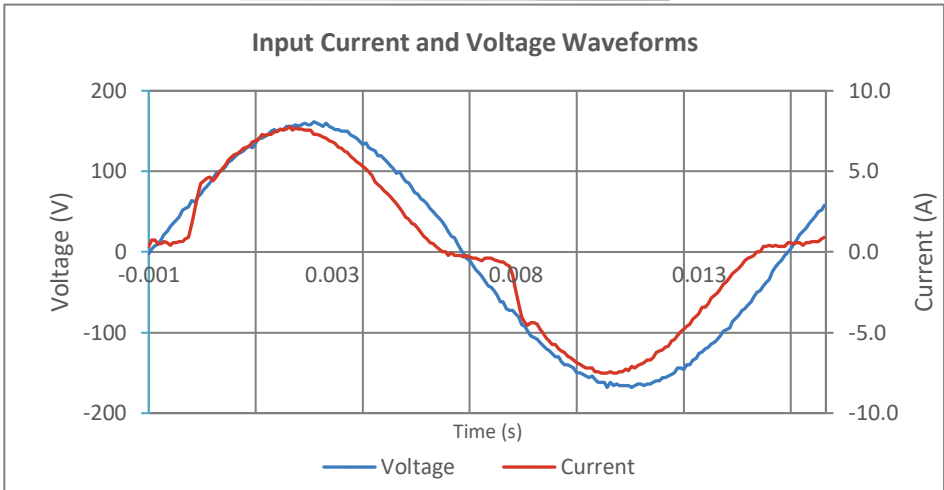
TYPICAL EFFICIENCY (50% Load):	91.62%
AVERAGE EFFICIENCY :	88.76%
80 PLUS COMPLIANT:	Gold



ID Number	6937
Manufacturer	EVGA
Model Number	1000G XC
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	1/11/23

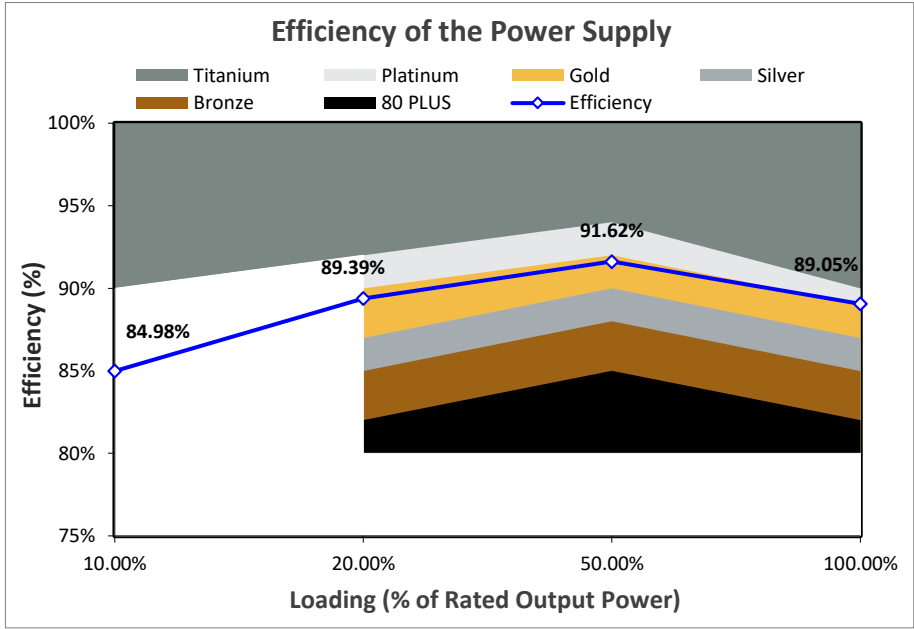
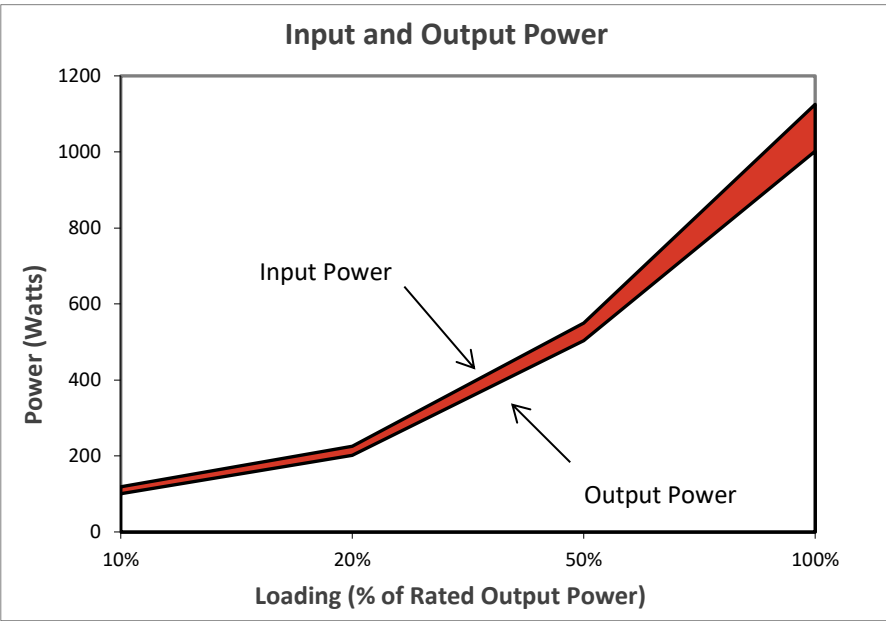
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	60/50	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 19%, 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		
1.107	0.9335	31.90%	10%	118.81	12.09/7.34	12.21/0.03	3.31/1.26	4.99/1.27	5.11/0.26	100.97	84.98%
2.087	0.9377	31.05%	20%	225.03	12.07/14.64	12.19/0.05	3.31/2.54	4.99/2.53	5.1/0.53	201.16	89.39%
4.894	0.9758	19.00%	50%	549.10	12.06/36.68	12.21/0.13	3.3/6.36	4.99/6.29	5.08/1.32	503.10	91.62%
9.877	0.9908	11.04%	100%	1125.10	12.01/73.33	12.22/0.26	3.3/12.71	4.99/12.57	5.05/2.64	1001.85	89.05%



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/>