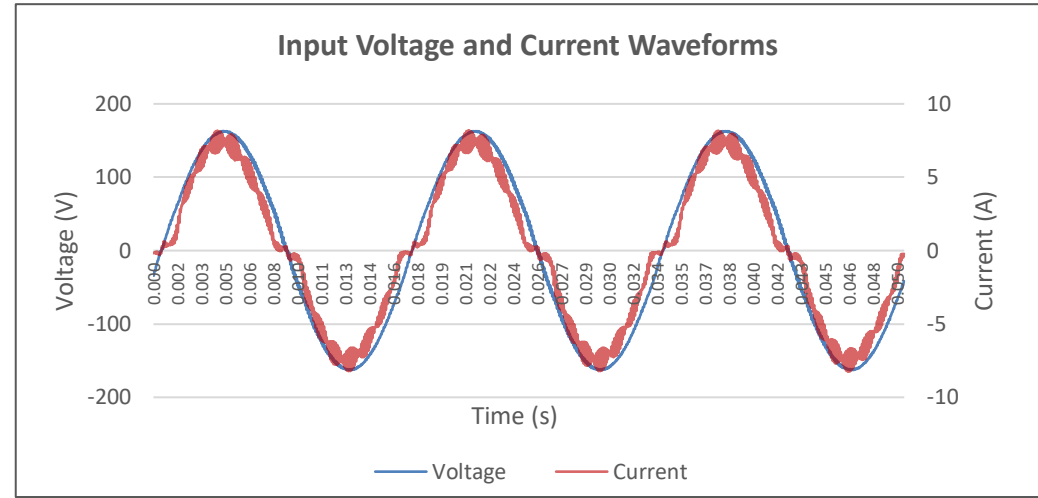


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.27%
AVERAGE EFFICIENCY :	86.72%
80 PLUS COMPLIANT:	Gold



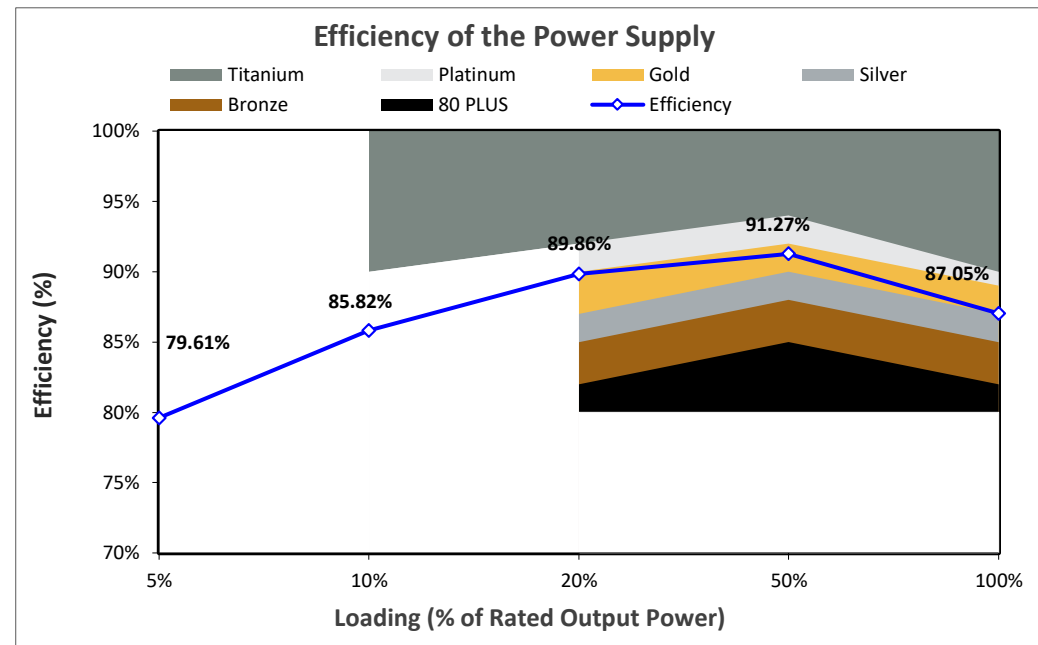
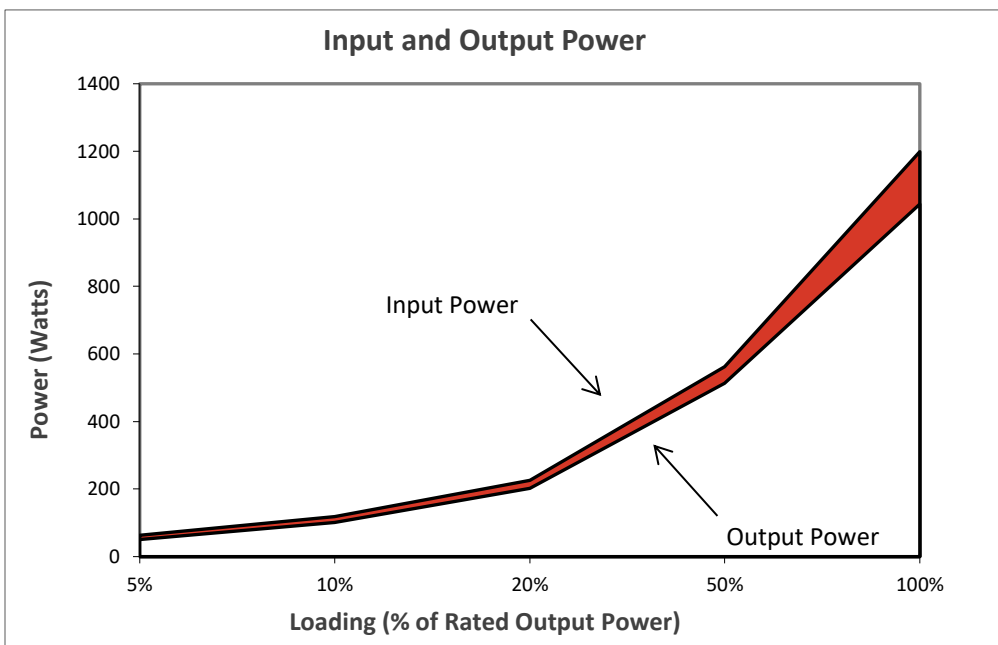
ID Number	7393
Manufacturer	ENERGY OPTIMUS CO., LTD
Model Number	ENTIS 1000G-F
Serial Number	N/A
Type	ATX12V
Test Date	5/3/24



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.

I <sub>RMS</sub> (A)	PF	I <sub>THD</sub> (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency	
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V			5Vstb
0.129	0.2233	61.65	0%	3.32	No-Load						
0.651	0.8467	35.46	5%	63.38	12.1/3.7	12.48/0.013	3.33/0.58	5.04/0.58	5.13/0.132	50.46	79.61%
1.094	0.9365	10.06	10%	117.81	12.13/7.39	12.4/0.026	3.35/1.17	5.04/1.17	5.1/0.264	101.11	85.82%
2.045	0.9593	21.22	20%	225.80	12.17/14.78	12.47/0.053	3.4/2.33	5.04/2.33	5.04/0.528	202.90	89.86%
4.958	0.9863	13.43	50%	562.26	12.31/36.96	12.53/0.132	3.56/5.83	5.03/5.83	4.84/1.32	513.16	91.27%
10.508	0.9923	10.24	100%	1198.99	12.53/73.91	13.11/0.264	3.77/11.66	5.02/11.66	4.54/2.638	1043.75	87.05%



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/>