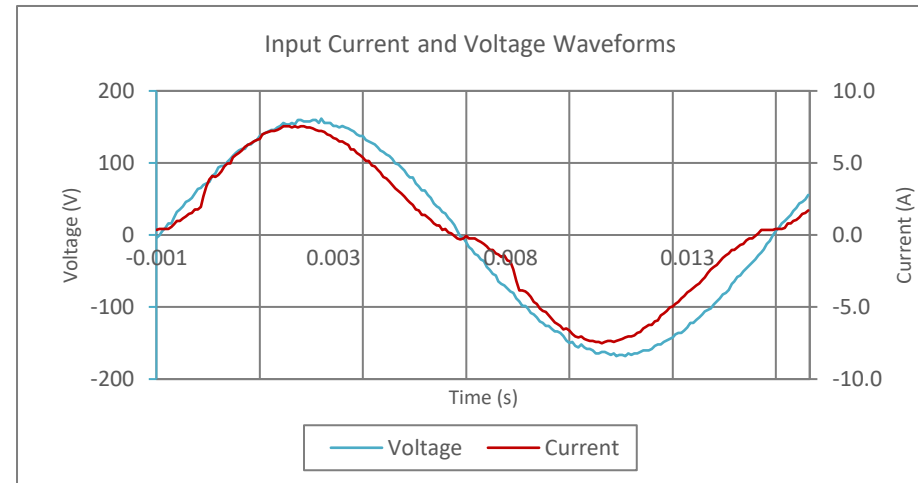


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.72%
AVERAGE EFFICIENCY :	90.74%
80 PLUS COMPLIANT:	YES



ID Number	6694.1
Manufacturer	Micro-Star International Co., Ltd.
Model Number	MPG A1000G PCIE5
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	11/2/21

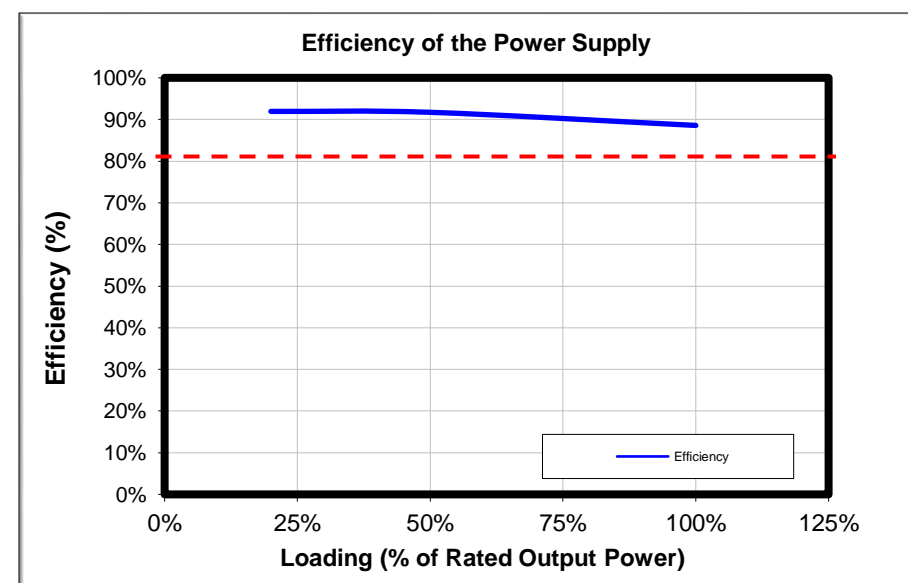
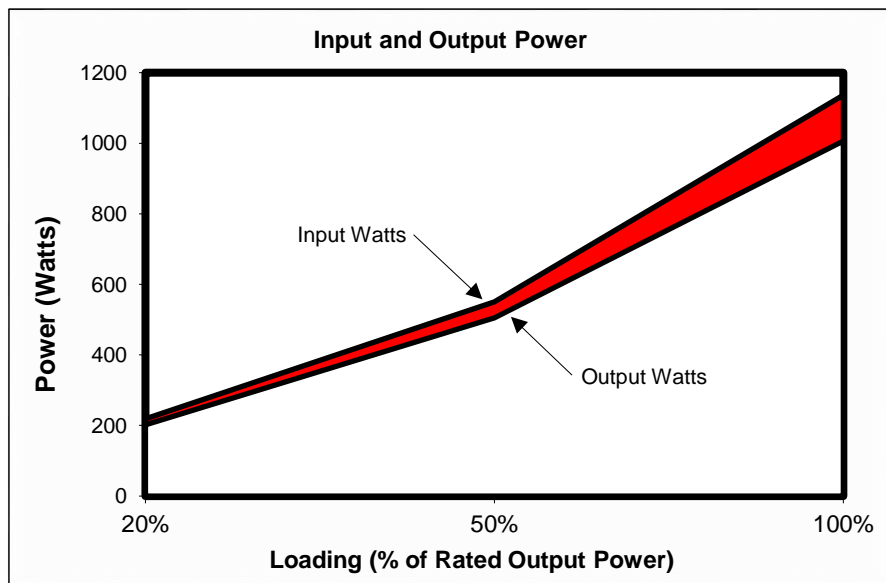


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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

Input AC Current Waveform (ITHD = 14.54%, 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		
1.02	0.98	18.57%	10%	114.81	12.1/7.35	11.96/0.03	3.28/1.27	5.02/1.27	5.05/0.26	101.09	88.05%
1.94	0.98	17.08%	20%	219.64	12.09/14.7	11.97/0.05	3.28/2.54	5.02/2.53	5.05/0.53	201.94	91.94%
4.85	0.99	14.54%	50%	550.10	12.08/36.76	11.97/0.13	3.28/6.34	5.02/6.29	5.11/1.32	504.57	91.72%
9.96	0.99	10.51%	100%	1136.30	12.06/73.45	11.98/0.26	3.28/12.7	5.01/12.55	5.07/2.63	1006.42	88.57%



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/>