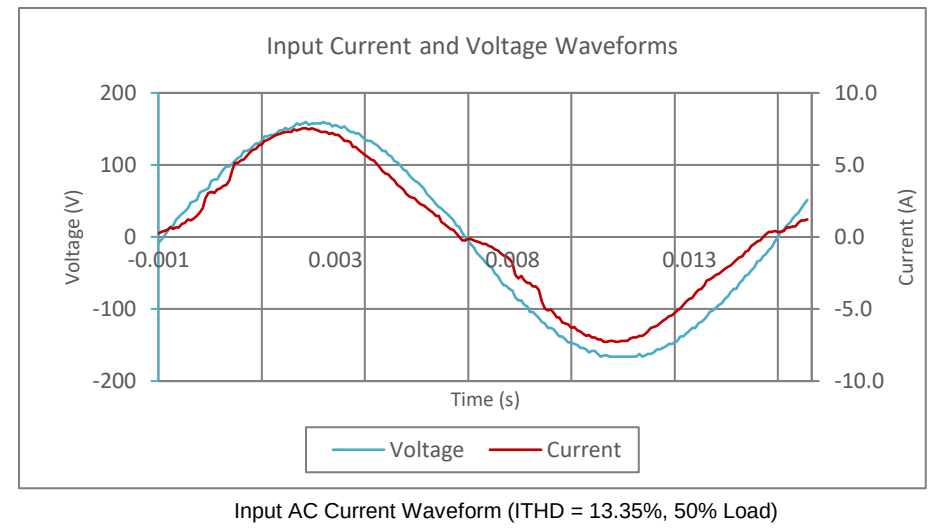
80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	**91.22%**
AVERAGE EFFICIENCY :	**90.12%**
80 PLUS COMPLIANT:	**YES**

ID Number	6692
Manufacturer	Gigabyte
Model Number	GP-UD1000GM
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	10/18/21

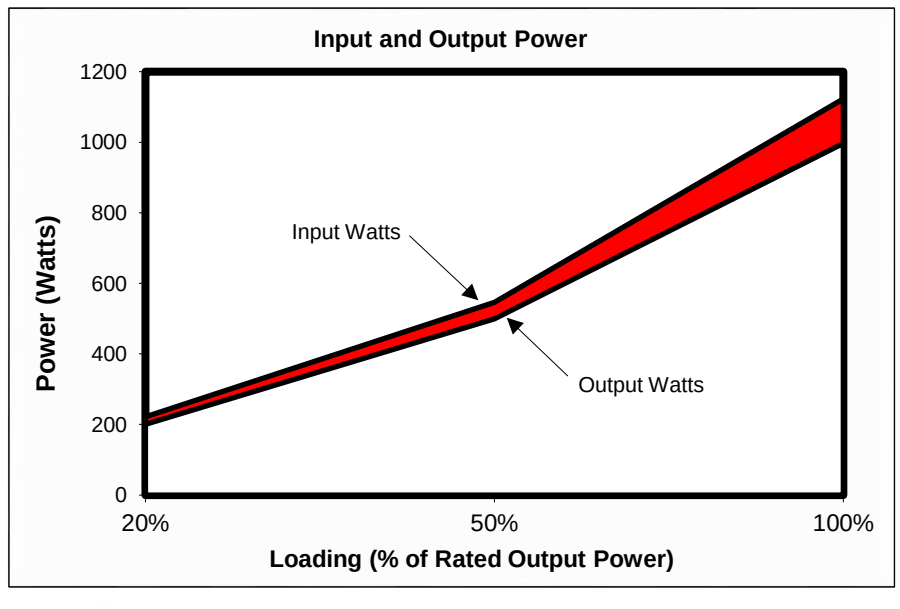
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-6.5	Amps
Input Frequency	60-50	Hz
Rated Output Power	**1000**	**Watts**

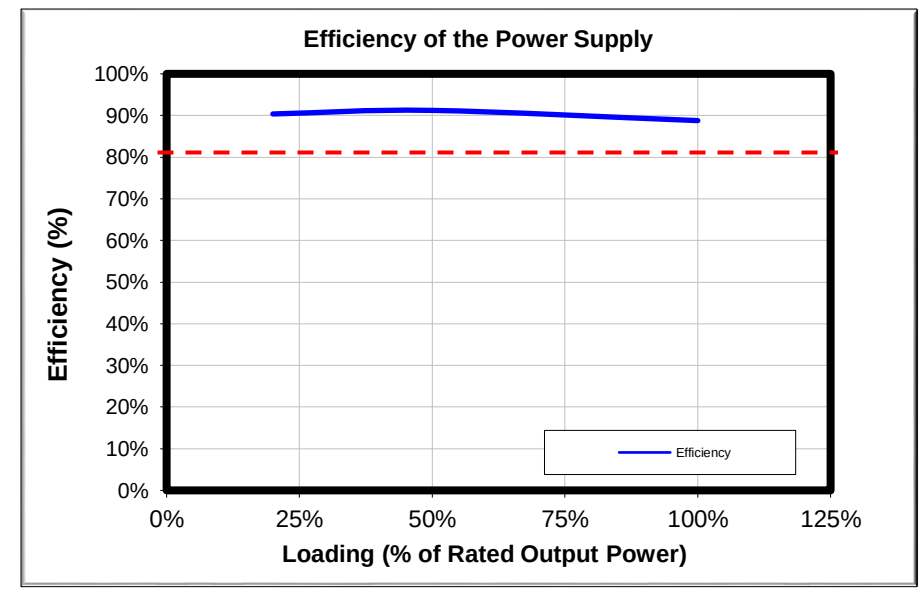
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 13.35%, 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	0.96	21.16%	10%	114.70	11.93/7.32	11.84/0.03	3.38/1.32	5.11/1.32	5.07/0.26	100.14	**87.30%**
1.97	0.98	15.62%	20%	221.29	11.93/14.62	11.95/0.05	3.37/2.63	5.1/2.61	5.1/0.52	199.97	**90.37%**
4.82	0.99	13.35%	50%	546.90	11.89/36.58	11.96/0.13	3.37/6.59	5.09/6.53	5.2/1.31	498.89	**91.22%**
9.83	0.99	9.76%	100%	1122.90	11.9/73.11	12.62/0.26	3.34/13.18	5.06/13.04	5.21/2.62	996.78	**88.77%**





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/*