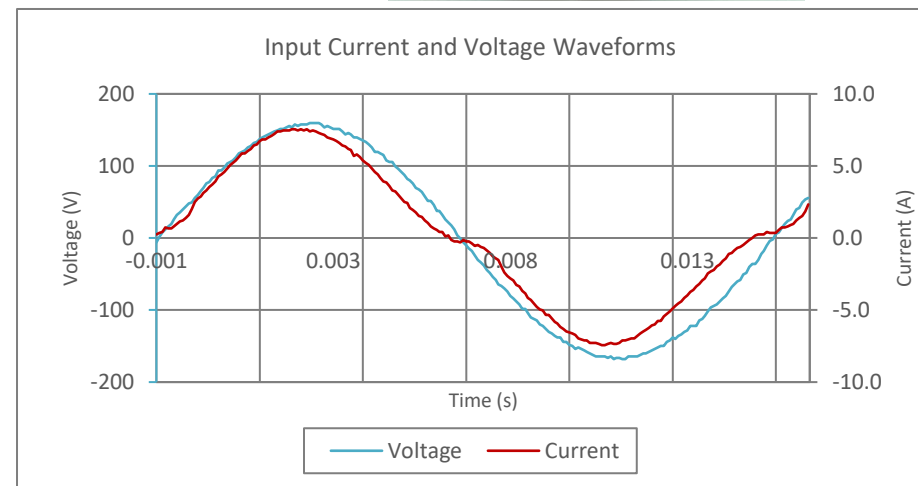


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.21%
AVERAGE EFFICIENCY :	91.34%
80 PLUS COMPLIANT:	YES



ID Number	6582.1
Manufacturer	Vinga
Model Number	VPS-1000GV2
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	5/21/21

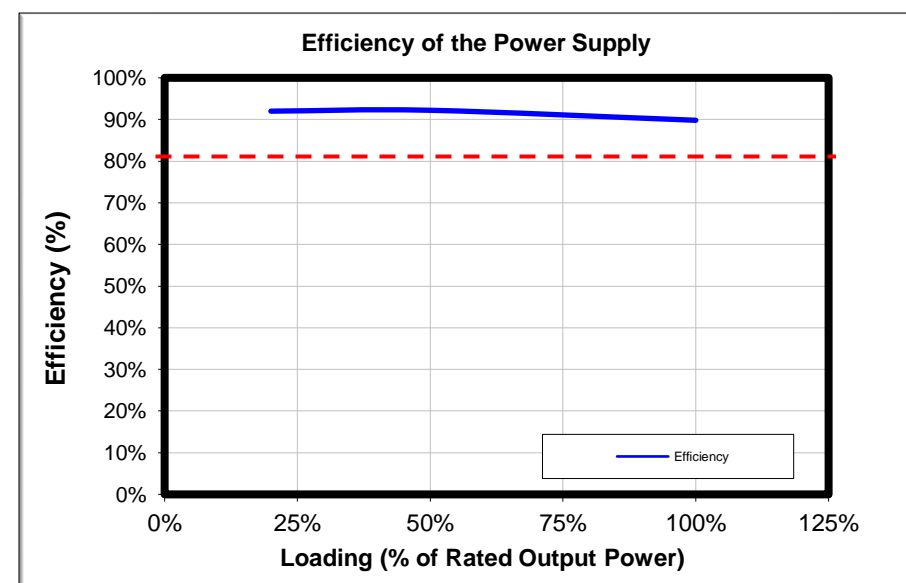
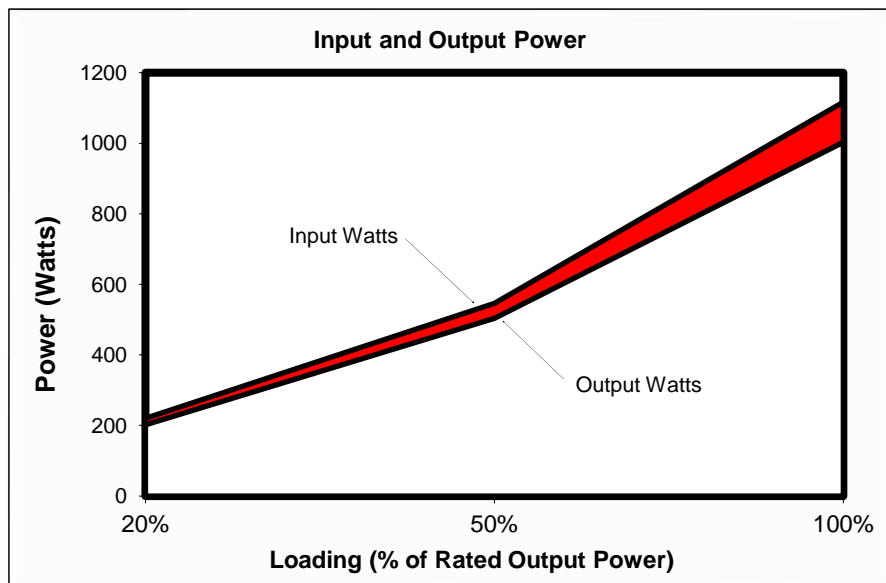


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13-6.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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

Input AC Current Waveform (ITHD = 13.79%, 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		
1.01	0.98	11.32%	10%	116.28	12.08/7.47	12.26/0.03	3.35/1.08	5.04/1.08	5.09/0.27	101.03	86.89%
1.93	0.99	12.26%	20%	219.69	12.07/14.97	12.23/0.05	3.33/2.16	5.03/2.15	5.07/0.54	202.11	92.00%
4.81	0.99	13.79%	50%	546.20	12.05/37.38	12.21/0.13	3.32/5.4	5.03/5.35	5.01/1.35	503.66	92.21%
9.80	0.99	11.65%	100%	1116.60	12/74.7	12.46/0.27	3.33/10.82	5.01/10.71	4.92/2.69	1002.84	89.81%



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/>