

80 PLUS Verification and Testing Report

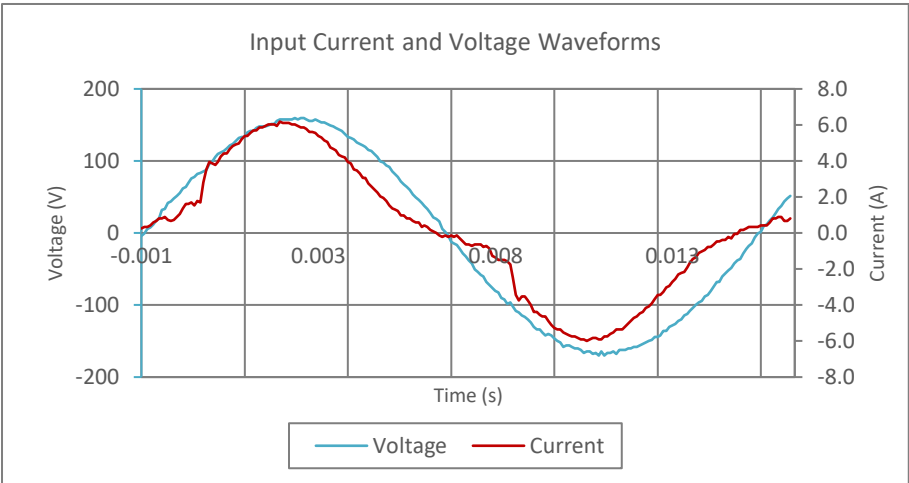
TYPICAL EFFICIENCY (50% Load):	92.25%
AVERAGE EFFICIENCY :	91.05%
80 PLUS COMPLIANT:	YES



ID Number	6644.1
Manufacturer	Vinga
Model Number	VPS-750GV2
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	8/24/21

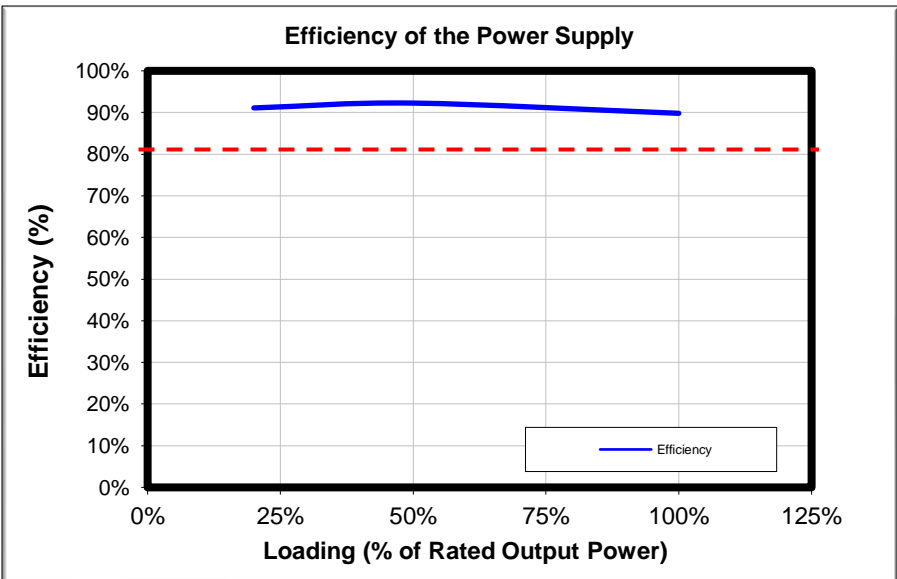
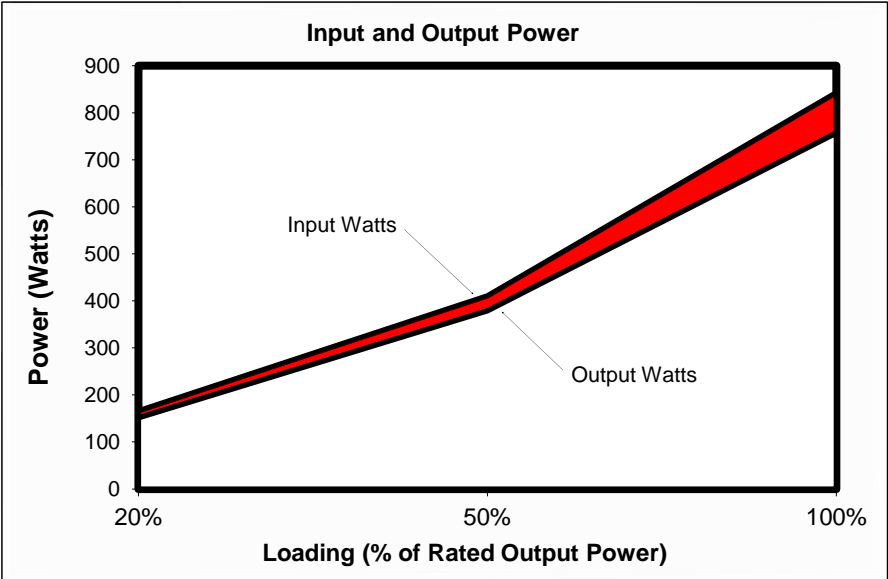
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 20.77%, 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		
0.80	0.95	28.22%	10%	87.33	12.11/5.41	11.71/0.03	3.39/1.05	5.01/1.05	5.1/0.26	76.00	87.03%
1.49	0.97	22.86%	20%	166.46	12.11/10.8	11.67/0.05	3.39/2.1	5.01/2.09	5.09/0.52	151.64	91.10%
3.67	0.97	20.77%	50%	411.20	12.1/27.08	11.66/0.13	3.38/5.23	5/5.2	5.04/1.3	379.34	92.25%
7.46	0.98	16.95%	100%	842.80	12.08/54.08	11.72/0.26	3.39/10.49	5.01/10.38	4.97/2.61	756.83	89.80%



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/>