

80 PLUS Verification and Testing Report

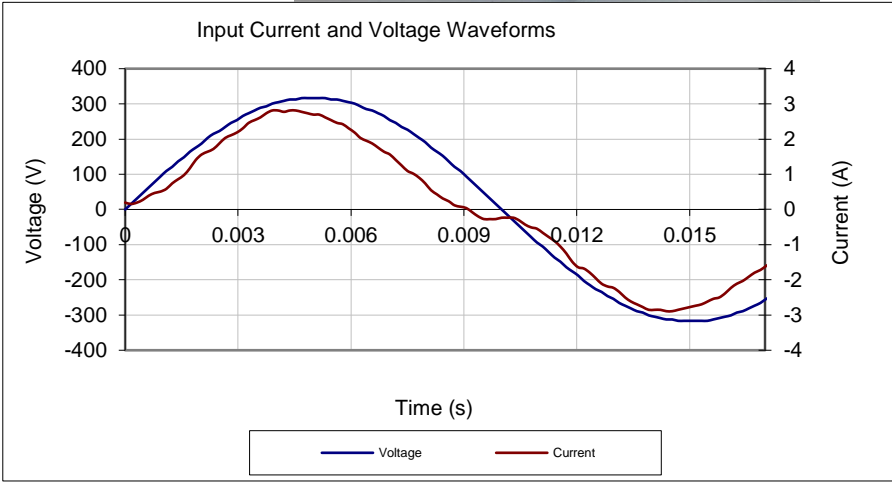
TYPICAL EFFICIENCY (50% Load):	92.70%
AVERAGE EFFICIENCY :	91.45%
80 PLUS COMPLIANT:	YES



ID Number	EU-291
Manufacturer	VINGA
Model Number	VPS-750G
Serial Number	N/A
Year	2017
Type	ATX12V
Test Date	2/2/17

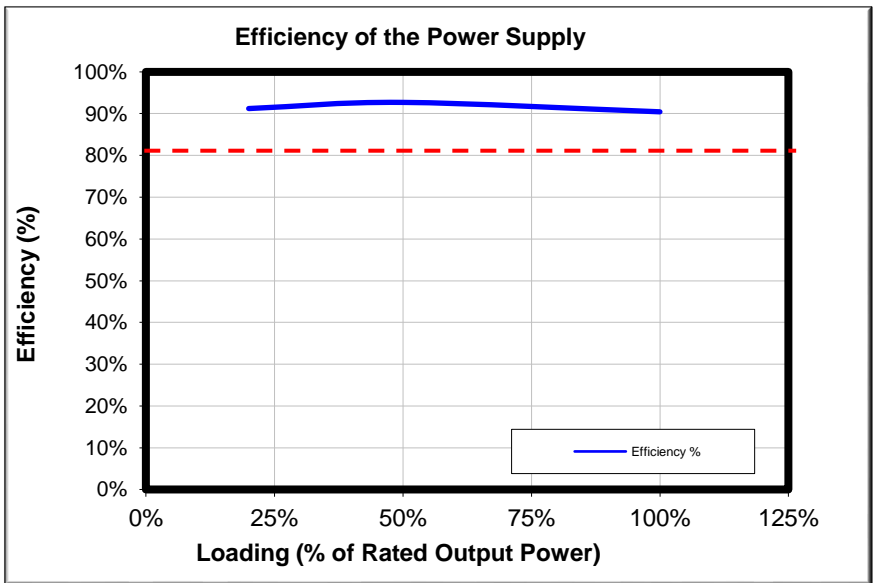
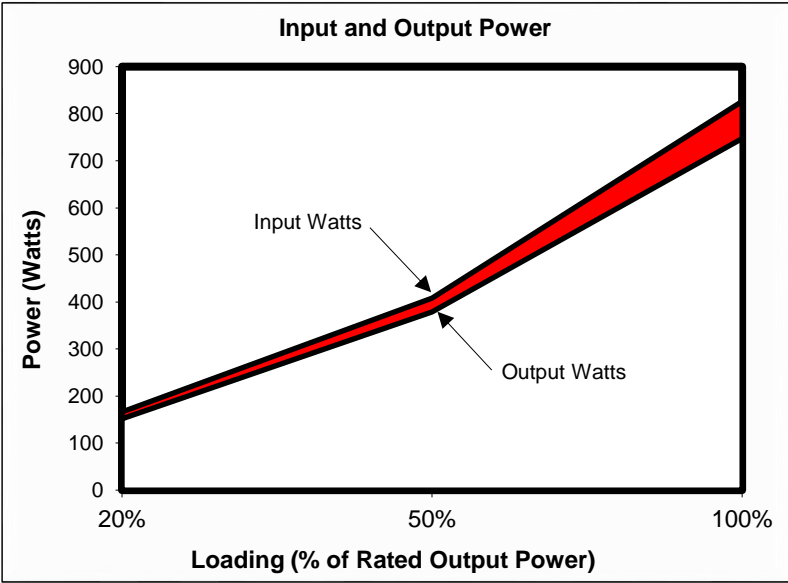
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-12	Amps
Input Frequency	47-63	Hz
Rated Output Power	750	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 17.72%, 50% Load)

I _{RMS} A	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		
0.44	0.86	31.44%	10%	87.46	12.13/5.41	12/0.03	3.43/1.05	5.1/1.05	5.09/0.23	76.13	87.04%
0.78	0.93	24.57%	20%	166.57	12.12/10.83	12/0.05	3.42/2.1	5.09/2.09	5.08/0.45	151.94	91.22%
1.83	0.97	17.72%	50%	408.10	12.06/27.09	11.74/0.14	3.39/5.26	5.06/5.22	5.04/1.13	378.29	92.70%
3.64	0.99	12.50%	100%	826.20	11.97/53.93	12/0.27	3.35/10.5	5/10.44	4.96/2.25	747.25	90.44%



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/>

