

80 PLUS Verification and Testing Report

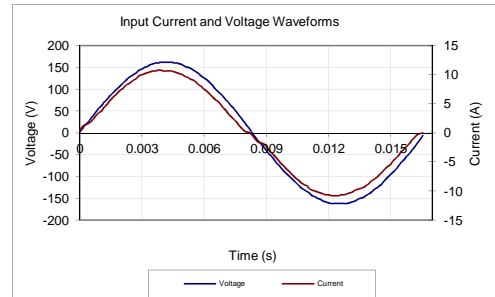
TYPICAL EFFICIENCY (50% Load):	94.38%
AVERAGE EFFICIENCY :	93.42%
80 PLUS COMPLIANT:	YES



Ecos ID #	3977.1
Manufacturer	EVGA Corporation
Model Number	SuperNOVA 1600 T2
Serial Number	NA
Year	2014
Type	ATX12V, EPS12V
Test Date	6/4/14

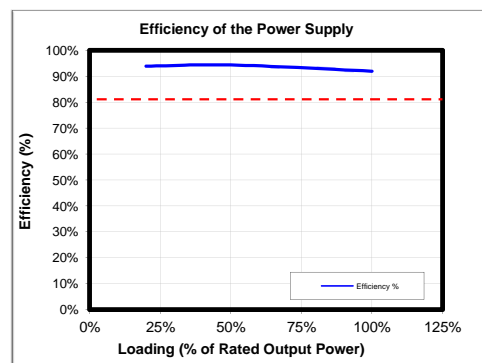
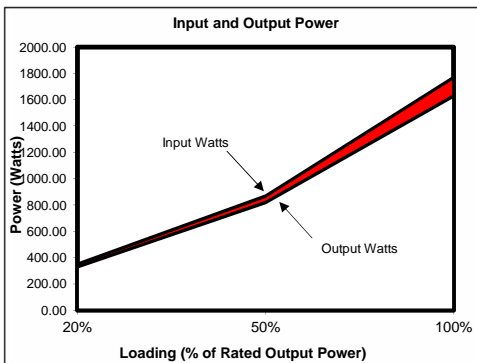
Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	17-10	Amps
Input Frequency	60/50	Hz
Rated Output Power	1600	Watts

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



Input AC Current Waveform (ITHD = 5.09%, 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		
1.59	0.98	9.55%	10%	178.70	12.3/12.3	12.1/0.1	3.3/1.3	5/1.3	5.1/0.3	163.76	91.64%
3.07	0.99	7.91%	20%	349.40	12.3/24.6	12/0.1	3.3/2.7	5/2.6	5.1/0.6	328.10	93.90%
7.55	1.00	5.09%	50%	866.40	12.3/61.4	12/0.2	3.3/6.6	5/6.6	5.1/1.4	817.67	94.38%
15.40	1.00	4.94%	100%	1769.10	12.3/122.1	11.9/0.5	3.3/13.3	5/13.2	5/2.8	1627.38	91.99%



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/>

