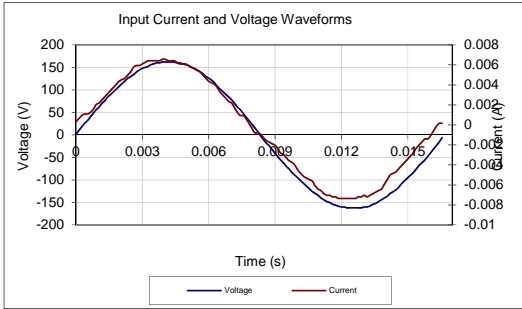


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>94.96%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>94.11%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	3992.1
<b>Manufacturer</b>	EVGA Corporation
<b>Model Number</b>	SuperNOVA 850 T2
<b>Serial Number</b>	NA
<b>Year</b>	2014
<b>Type</b>	ATX12V,EPS12V
<b>Test Date</b>	6/17/14

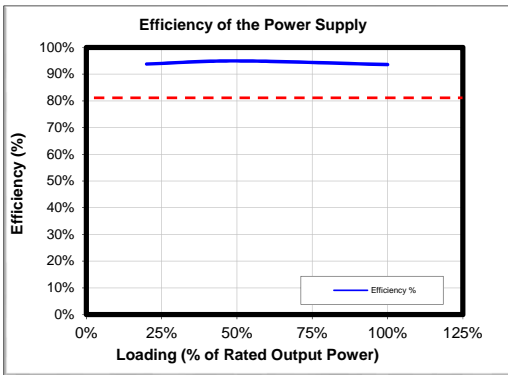
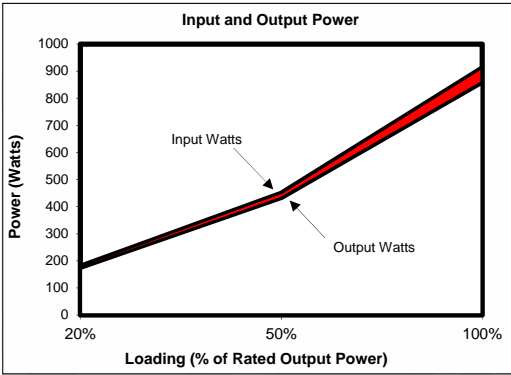


Input AC Current Waveform (ITHD = 10.72%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	60/50	Hz
<b>Rated Output Power</b>	<b>850</b>	<b>Watts</b>

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

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
					12V (cumulative of 12V1, 12V2, etc.)						
0.86	0.96	9.60%	10%	94.75	12.1/6.2	12/0	3.3/1.1	5/1.1	5/0.2	86.07	90.84%
1.62	0.98	10.72%	20%	183.68	12.1/12.5	12/0.1	3.3/2.1	5/2.1	5/0.4	172.28	93.79%
3.95	1.00	10.72%	50%	452.90	12.1/31.2	12/0.2	3.3/5.3	5/5.2	5/1.1	430.08	94.96%
7.98	1.00	4.77%	100%	915.80	12.1/62.1	11.9/0.4	3.3/10.6	5/10.5	4.9/2.2	857.03	93.58%



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/>

