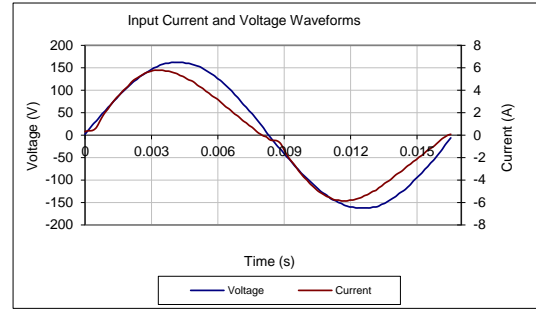


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>90.97%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>89.41%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	2891.2
<b>Manufacturer</b>	ThunderX3
<b>Model Number</b>	PLEXUS 800
<b>Serial Number</b>	N/A
<b>Year</b>	2011
<b>Type</b>	ATX12V
<b>Test Date</b>	11/29/2011

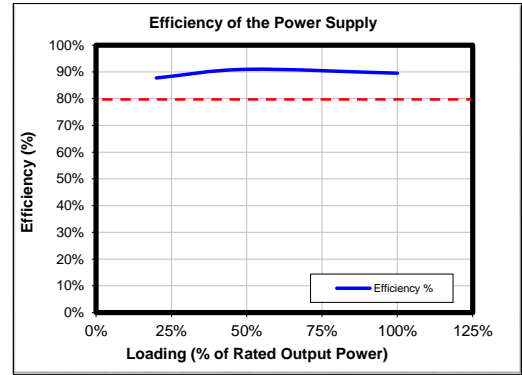
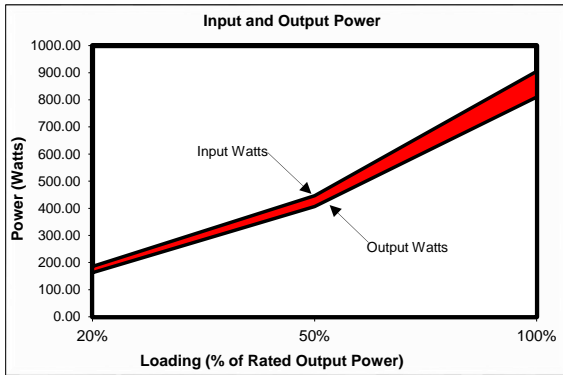


Input AC Current Waveform (ITHD = 11.17%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	115-230	Volts
Input Current	15	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>800</b>	<b>Watts</b>

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

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency %	
						12V (cumulative of 12V1, 12V2, etc.)						
1.66	0.97	17.44%	20%	Light	185.70	12.1/11.1	11.6/0.1	3.4/2.9	5.1/2.9	5/0.6	162.94	87.74%
3.94	0.98	11.17%	50%	Typical	446.70	12.1/27.7	11.6/0.2	3.4/7.2	5.1/7.2	5/1.5	406.37	90.97%
7.93	0.99	8.07%	100%	Full	905.00	12.1/55.3	11.7/0.3	3.4/14.3	5.1/14.4	5/3	810.10	89.51%



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/>

