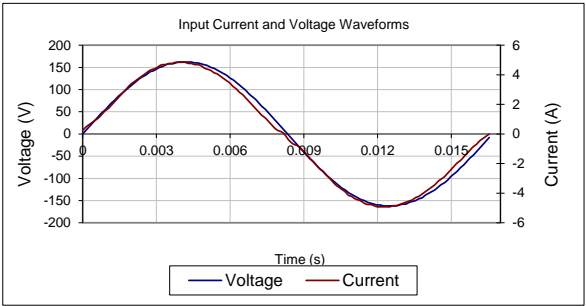


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>90.27%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>88.93%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	4487.1
<b>Manufacturer</b>	ThunderX3
<b>Model Number</b>	PLEXUS 700
<b>Serial Number</b>	N/A
<b>Year</b>	2015
<b>Type</b>	EPS12V
<b>Test Date</b>	12/3/15

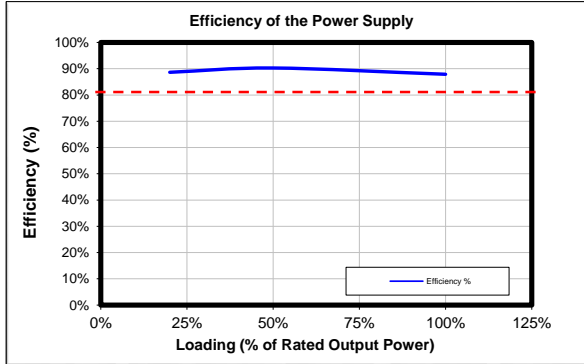
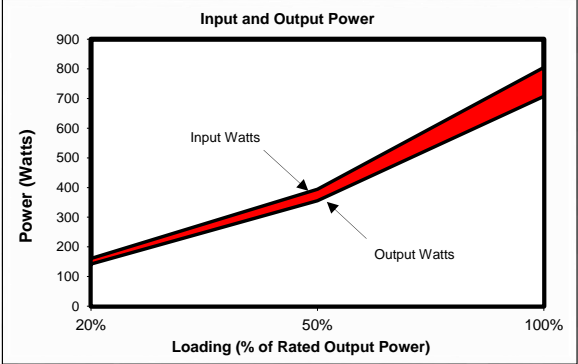


Input AC Current Waveform (ITHD = 4.54%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100/240	Volts
Input Current	10-5	Amps
Input Frequency	47-63	Hz
<b>Rated Output Power</b>	<b>700</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.)						
0.77	0.95	15.18%	10%	84.70	12.19/5.01	-12V	3.3V	5V	5Vsb	71.50	84.42%
1.42	0.98	3.59%	20%	160.57	12.2/9.98	11.91/0.05	3.36/2.07	5.05/2.06	5.13/0.52	142.33	88.64%
3.44	1.00	4.54%	50%	394.20	12.18/25.01	11.92/0.13	3.35/5.18	5.03/5.14	5.09/1.29	355.86	90.27%
7.01	1.00	3.89%	100%	804.90	12.15/49.85	11.95/0.26	3.32/10.33	5.01/10.27	5.02/2.58	707.41	87.89%



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/>

