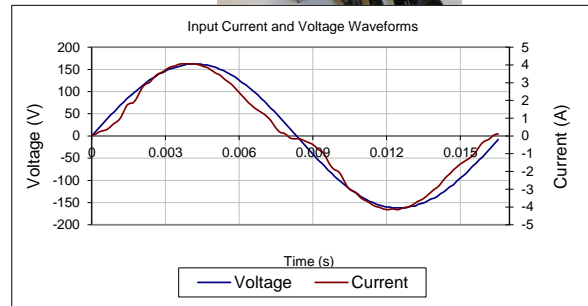


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>90.40%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>89.41%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	4648
<b>Manufacturer</b>	SAMA
<b>Model Number</b>	HTX-550-B7
<b>Serial Number</b>	NA
<b>Year</b>	2016
<b>Type</b>	ATX12V
<b>Test Date</b>	7/27/16

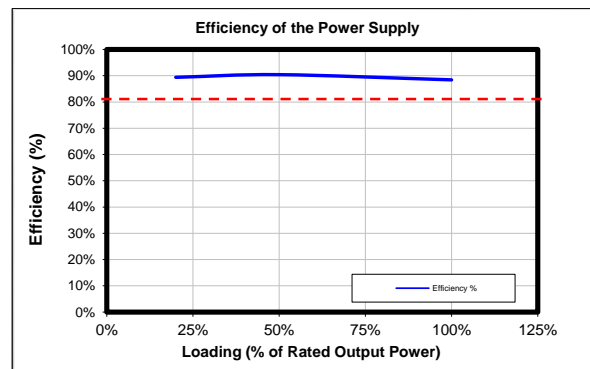
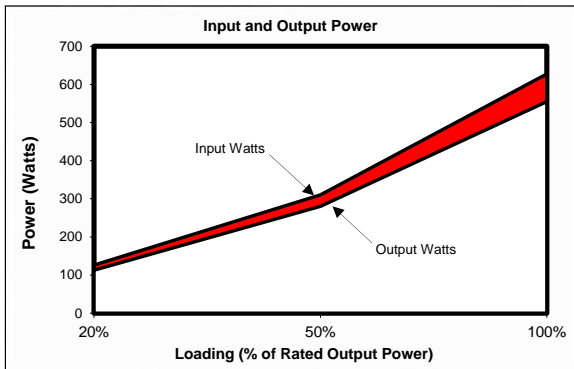


Input AC Current Waveform (ITHD = 13.95%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	63-47	Hz
<b>Rated Output Power</b>	<b>550</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.)						
0.61	0.94	25.02%	10%	66.15	12.29/3.76	11.97/0.03	3.43/1.32	5.07/0.83	5.11/0.26	56.58	85.53%
1.13	0.97	19.07%	20%	125.94	12.27/7.5	11.97/0.05	3.42/2.65	5.06/1.65	5.09/0.51	112.58	89.39%
2.74	0.99	13.95%	50%	310.20	12.22/18.76	11.82/0.13	3.39/6.62	5.03/4.11	5.04/1.28	280.43	90.40%
5.50	0.99	9.60%	100%	627.40	12.15/37.37	11.95/0.26	3.35/13.2	4.98/8.21	4.96/2.55	554.81	88.43%



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/>

