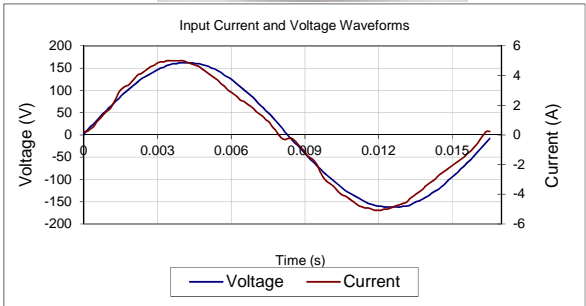


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>87.99%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>86.38%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	3656.8
<b>Manufacturer</b>	Gigabyte
<b>Model Number</b>	GP-B700H
<b>Serial Number</b>	NA
<b>Year</b>	2013
<b>Type</b>	ATX12V
<b>Test Date</b>	7/25/13

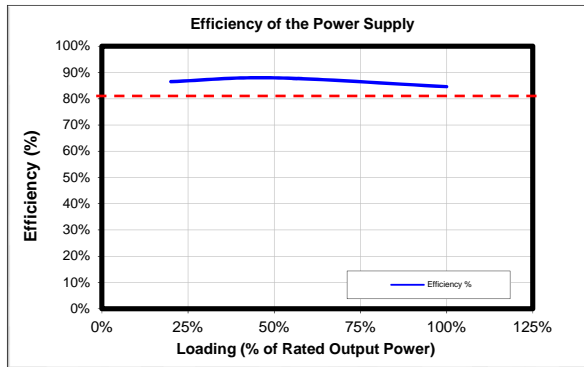
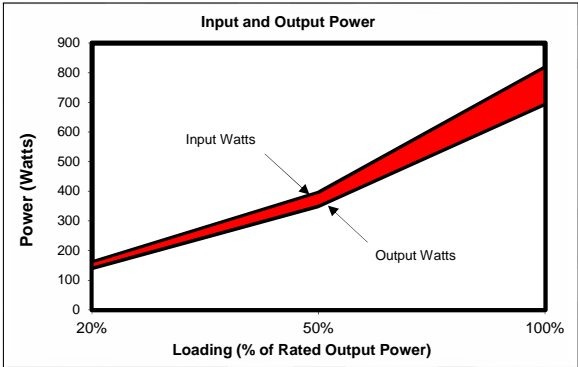


Input AC Current Waveform (I<sub>THD</sub> = 8.93%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	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.)		-12V	3.3V	5V			5Vsb
0.77	0.97	16.53%	10%	85.51	11.92/4.78		11.67/0.03	3.38/1.55	5.12/1.27	5.08/0.22	70.16	82.05%
1.43	0.98	13.14%	20%	161.69	11.92/9.54		11.70/0.05	3.37/3.1	5.11/2.53	5.07/0.44	139.92	86.54%
3.48	0.99	8.93%	50%	396.70	11.91/23.85		11.77/0.13	3.35/7.74	5.08/6.29	5.03/1.1	349.04	87.99%
7.17	0.99	6.48%	100%	819.40	11.88/47.55		11.93/0.26	3.32/15.41	5.02/12.58	4.95/2.2	693.33	84.61%



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/>

