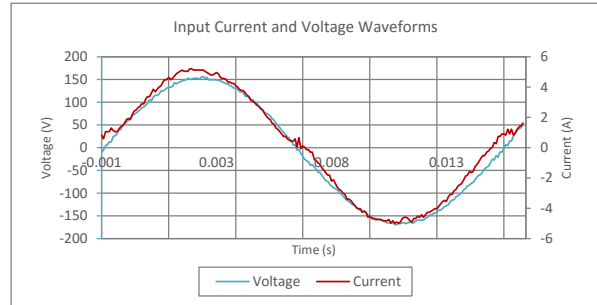


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.42%
AVERAGE EFFICIENCY :	88.86%
80 PLUS COMPLIANT:	YES



ID Number	5006
Manufacturer	HIGH POWER ELECTRONIC CO., LTD.
Model Number	GP700B- HP+
Serial Number	NA
Year	2017
Type	ATX12V
Test Date	7/27/17

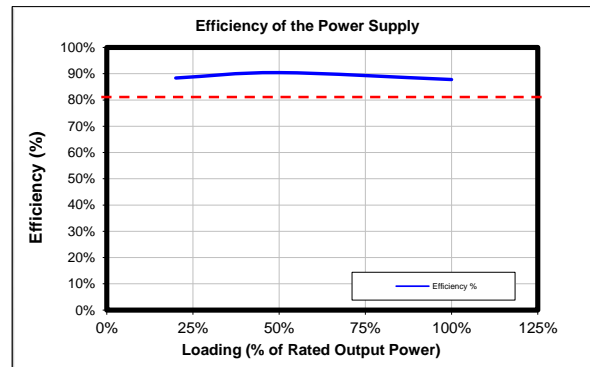
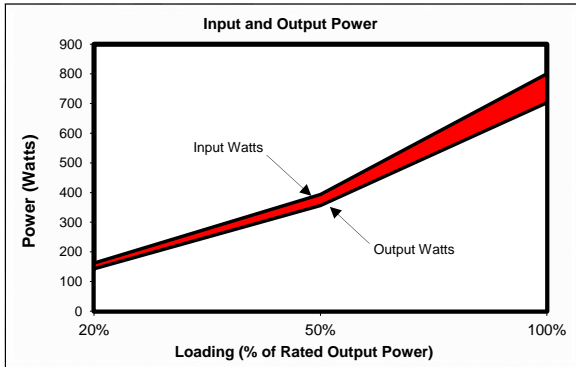


Input AC Current Waveform (ITHD = 6.34%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	700	Watts

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

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
					12V (cumulative of 12V1, 12V2, etc.)						
0.76	0.98	10.69%	10%	85.64	12.23/4.87	11.53/0.03	3.35/1.21	5.1/1.21	5.16/0.25	71.43	83.41%
1.42	0.99	8.30%	20%	161.92	12.22/9.79	11.57/0.05	3.34/2.41	5.09/2.4	5.15/0.5	143.09	88.37%
3.43	1.00	6.34%	50%	393.67	12.17/24.44	11.78/0.13	3.32/6.06	5.06/5.99	5.12/1.25	355.96	90.42%
6.97	1.00	5.87%	100%	800.35	12.08/48.59	12/0.25	3.28/12.08	5.02/11.94	5.06/2.5	702.61	87.79%



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/>

