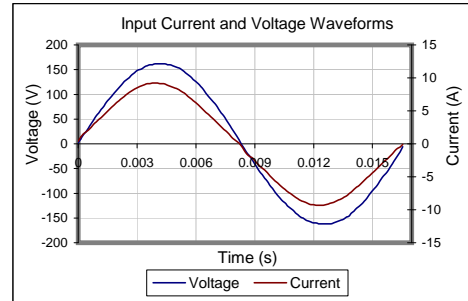


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	85.99%
AVERAGE EFFICIENCY :	84.45%
80 PLUS COMPLIANT:	YES



Ecos ID #	1676
Manufacturer	HIGH POWER ELECTRONICS CO., LTD.
Model Number	HP-600-G14S(C)-BR
Serial Number	N/A
Year	2009
Type	ATX12V
Test Date	9/14/2009

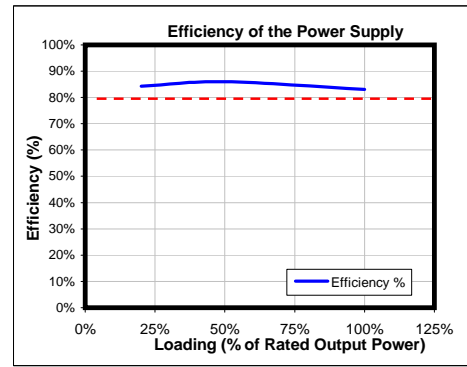
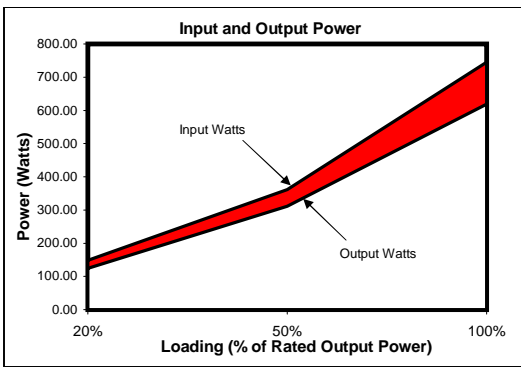


Input AC Current Waveform (ITHD = 4.79%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency %				
						12V (cumulative of 12V1, 12V2, etc.)									
1.32	0.9767	6.76%	20%	Light	148.07	12.5/7.5				12.2/0	3.4/3.2	5.1/3.2	5.1/0.5	124.75	84.25%
3.16	0.9940	4.79%	50%	Typical	361.50	12.5/18.8				12.3/0.1	3.4/8.1	5.1/8.1	5.1/1.1	310.86	85.99%
6.49	0.9975	3.76%	100%	Full	744.70	12.4/37.6				12.4/0.3	3.4/16.1	5.1/16.1	5/2.2	618.78	83.09%



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/>

