

80 PLUS Verification and Testing Report

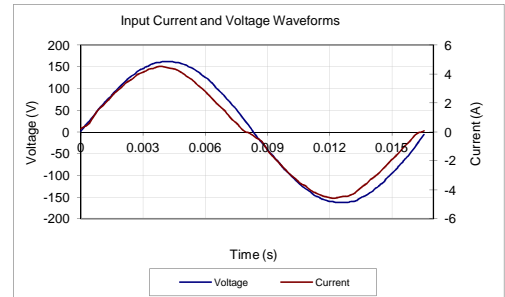
TYPICAL EFFICIENCY (50% Load):	85.54%
AVERAGE EFFICIENCY :	83.89%
80 PLUS COMPLIANT:	YES



Ecos ID #	2826
Manufacturer	GUANGDONG SOHOO TECHNOLOGY CO., LTD.
Model Number	GM-600
Serial Number	N/A
Year	2011
Type	ATX12V
Test Date	10/20/2011

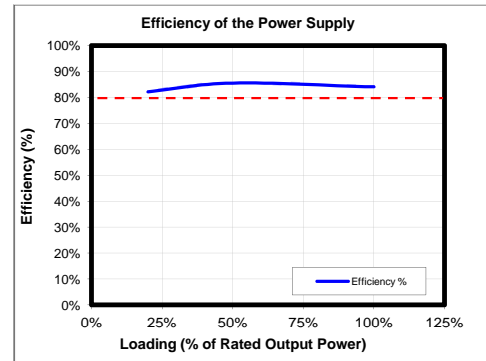
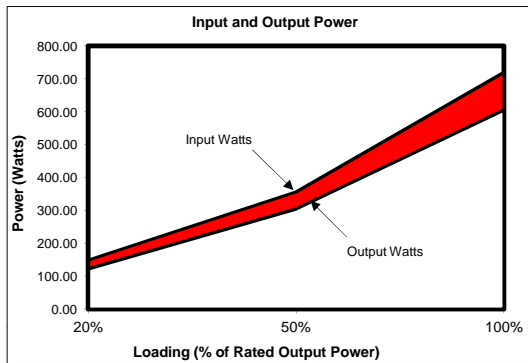
Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 6.88%, 50% Load)

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.)	-12V	3.3V	5V	5Vsb		
1.31	0.99	8.84%	20%	Light	149.37	12.4/7.6	11.7/0.1	3.3/3	5.1/3	5/0.4	122.62	82.09%
3.12	0.99	6.88%	50%	Typical	356.60	12.3/19.1	11.6/0.3	3.3/7.5	5.1/7.5	5/1	305.03	85.54%
6.28	1.00	5.28%	100%	Full	720.70	12.2/38	11.6/0.5	3.3/14.9	5/14.9	5/2	605.78	84.05%



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/>

