

80 PLUS Verification and Testing Report

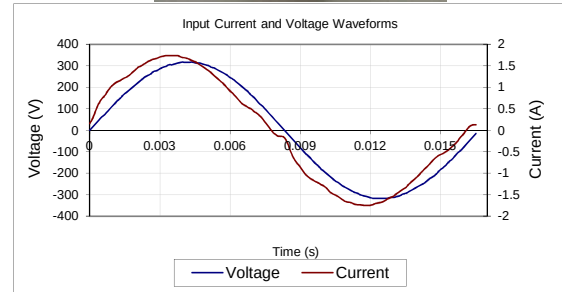
TYPICAL EFFICIENCY (50% Load):	92.47%
AVERAGE EFFICIENCY :	91.26%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-885
Manufacturer	SilverStone Technology
Model Number	SST-GM600-G
Serial Number	UVP-G600P
Year	2015
Type	1U
Test Date	3/11/15

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9-4	Amps
Input Frequency	47-63	Hz
Rated Output Power	600	Watts

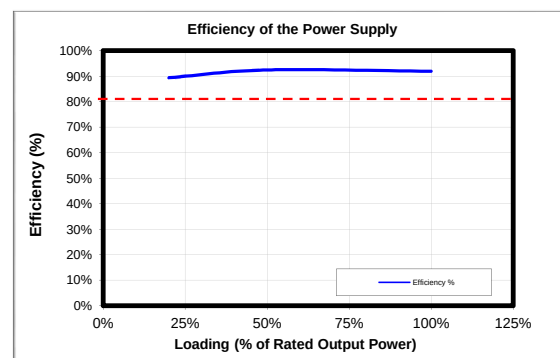
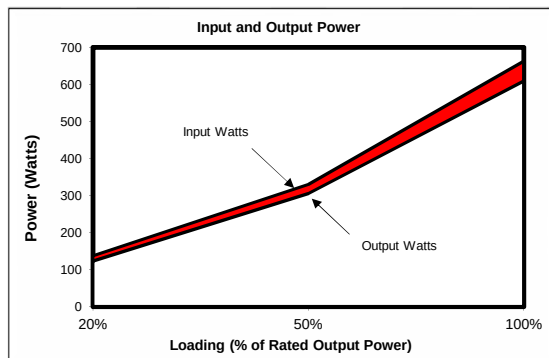
Note: All measurements were taken with input voltage at 230 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 5.67%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	Fan Power*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency %
						12V	5Vsb		
0.46	0.69	22.88%	10%	73.37	3.025	12.25/4.87	5.2/0.35	61.46	83.77%
0.69	0.87	16.12%	20%	137.47	3.025	12.24/9.74	5.19/0.69	122.88	89.39%
1.48	0.97	5.67%	50%	330.30	3.025	12.22/24.26	5.17/1.73	305.42	92.47%
2.92	0.99	6.30%	100%	662.80	3.025	12.18/48.56	5.11/3.46	609.37	91.94%

* Fan power is not included in the efficiency calculations



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/>

