

80 PLUS Verification and Testing Report

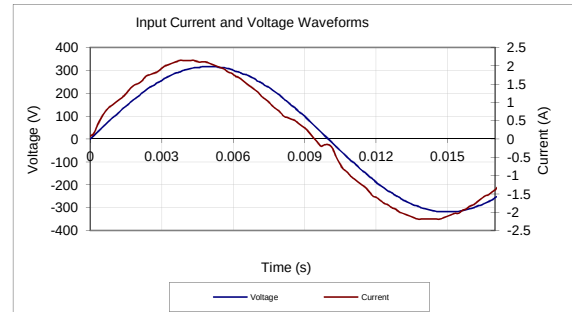
TYPICAL EFFICIENCY (50% Load):	87.98%
AVERAGE EFFICIENCY :	86.55%
80 PLUS COMPLIANT:	YES



Ecos ID #	EU-146
Manufacturer	FSP Technology Inc.
Model Number	HP600S
Serial Number	S5151002823
Year	2015
Type	ATX12V
Test Date	7/23/15

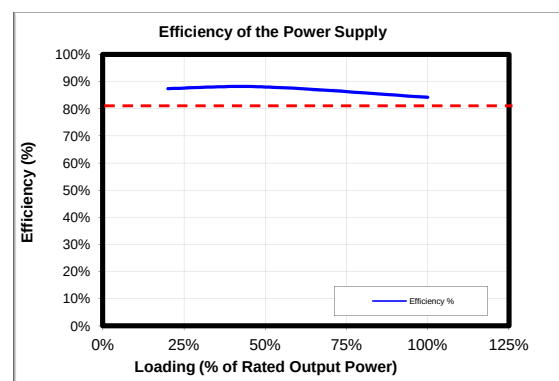
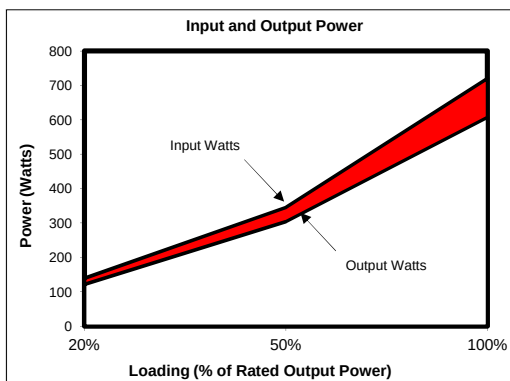
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	4.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 6.11%, 50% Load)

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.)	-12V	3.3V	5V	5Vsb		
0.37	0.86	30.58%	10%	73.13	12.18/3.88	12.06/0.03	3.3/1.45	5.16/1.45	5.15/0.26	61.19	83.67%
0.65	0.94	11.35%	20%	139.74	12.18/7.76	12.09/0.05	3.29/2.9	5.14/2.88	5.14/0.52	122.14	87.40%
1.53	0.98	6.11%	50%	346.20	12.2/19.37	12.13/0.13	3.28/7.24	5.07/7.19	5.09/1.29	304.60	87.98%
3.17	0.99	8.07%	100%	721.50	12.25/38.66	12.25/0.26	3.26/14.43	4.95/14.35	5/2.58	607.88	84.25%



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/>

