

80 PLUS Verification and Testing Report

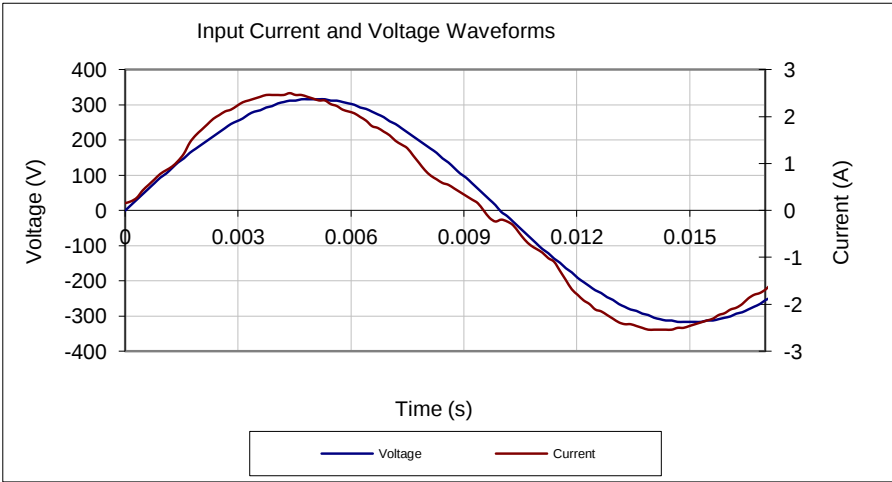
TYPICAL EFFICIENCY (50% Load):	87.97%
AVERAGE EFFICIENCY :	86.12%
80 PLUS COMPLIANT:	YES



Ecos ID #	EU-223
Manufacturer	SilverStone Technology
Model Number	SST-ST70F-ES230
Serial Number	NA
Year	2015
Type	ATX12V,PS2
Test Date	5/31/16

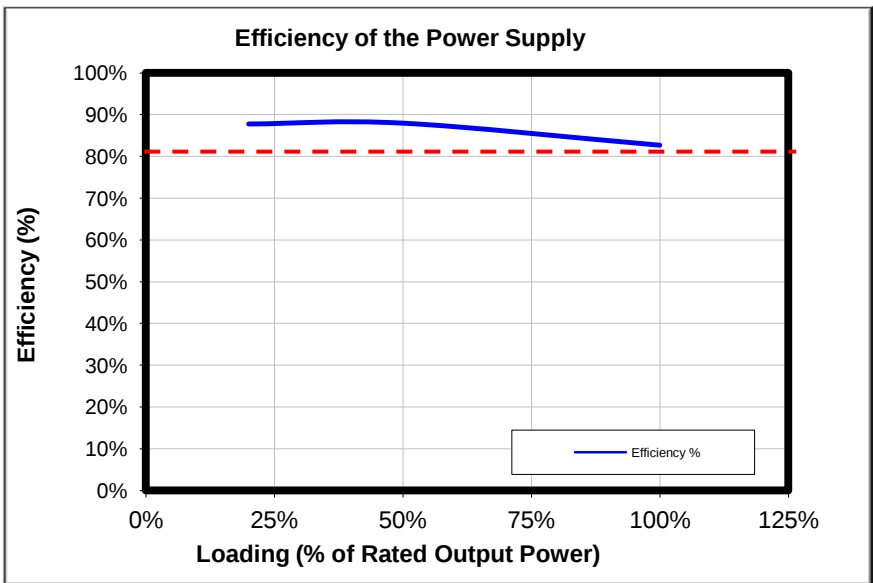
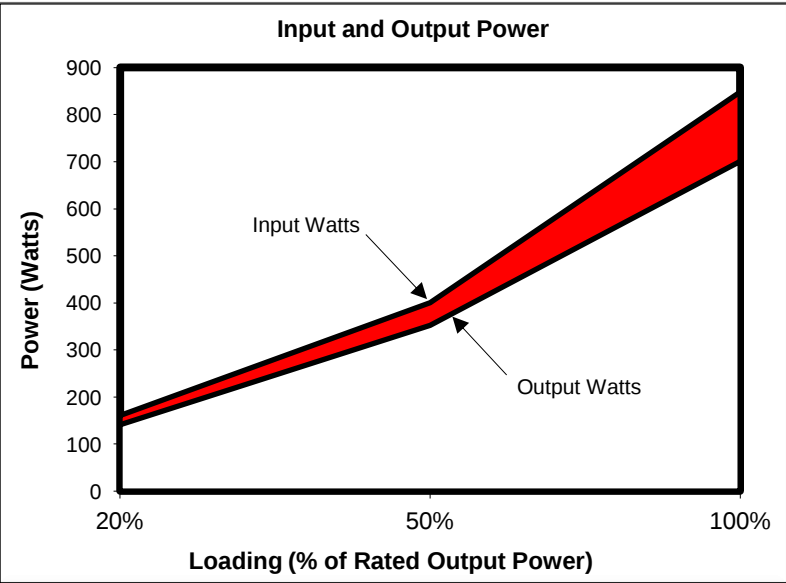
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	5	Amps
Input Frequency	47-63	Hz
Rated Output Power	700	Watts

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



Input AC Current Waveform (ITHD = 8.4%, 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
0.51	0.71	65.64%	10%	84.22	12.02/4.77		11.72/0.03	3.39/1.38	5.16/1.38	5.1/0.22	70.59	83.81%
0.74	0.94	30.68%	20%	160.54	12.03/9.53		11.78/0.05	3.37/2.76	5.14/2.74	5.08/0.44	140.91	87.77%
1.76	0.99	8.40%	50%	400.30	12.02/23.89		11.95/0.13	3.35/6.9	5.08/6.85	5.02/1.1	352.15	87.97%
3.71	0.99	8.18%	100%	848.10	12.04/47.63		12.28/0.26	3.29/13.77	4.97/13.68	4.91/2.2	700.71	82.62%



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/>

