

# 80 PLUS Verification and Testing Report

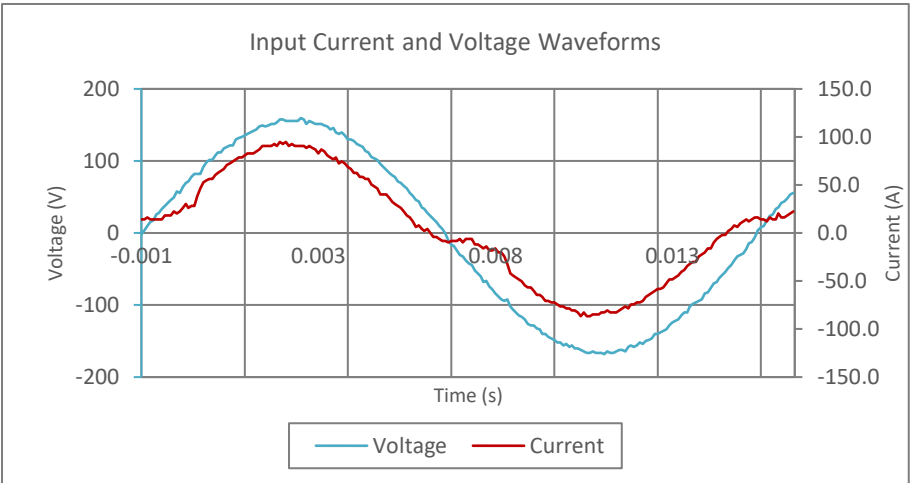
TYPICAL EFFICIENCY (50% Load):	92.93%
AVERAGE EFFICIENCY :	91.91%
80 PLUS COMPLIANT:	YES



ID Number	6325
Manufacturer	SilentiumPC
Model Number	SilentiumPC Supremo FM2P Platinum 1200W
Serial Number	N/A
Year	2021
Type	ATX12V,EPS12V
Test Date	1/28/21

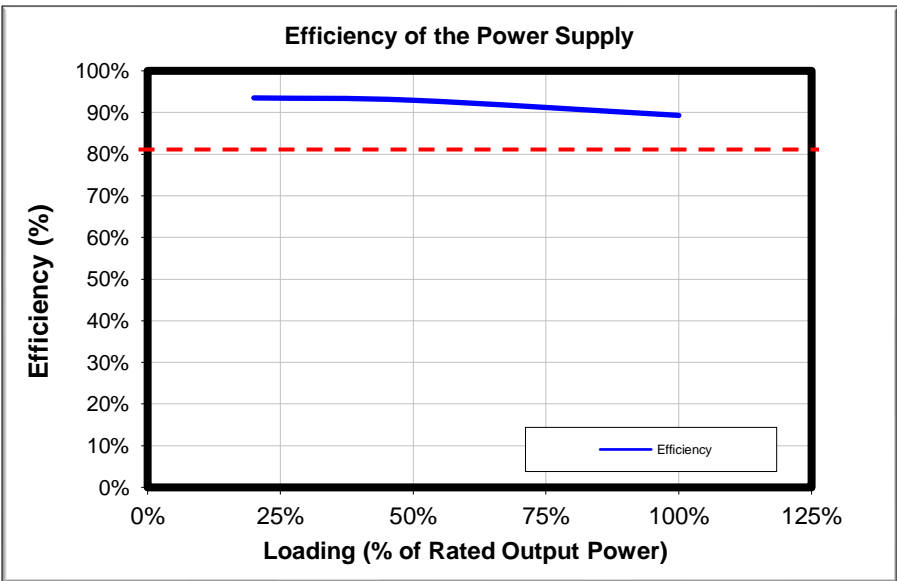
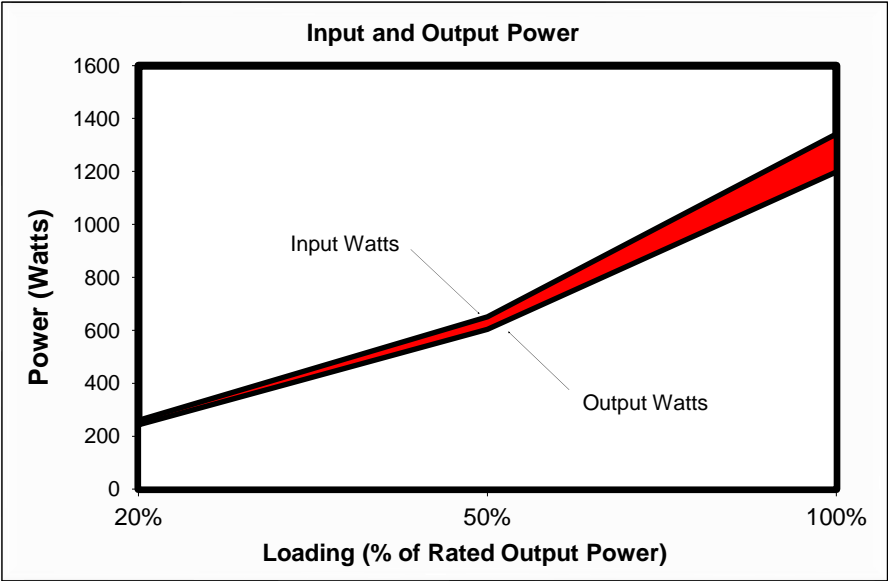
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-6	Amps
Input Frequency	63-47	Hz
Rated Output Power	1200	Watts

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



Input AC Current Waveform (ITHD = 16.08%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	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		
1.24	0.93	23.53%	10%	132.65	12.1/9.11	11.84/0.02	3.36/1.12	5.07/1.12	5.06/0.28	121.42	91.53%
2.35	0.96	20.22%	20%	259.80	12.09/18.26	11.84/0.04	3.4/2.24	5.07/2.23	5.05/0.56	242.91	93.50%
5.76	0.98	16.08%	50%	650.20	12.03/45.63	11.86/0.09	3.42/5.59	5.05/5.54	5.02/1.39	604.23	92.93%
11.80	0.99	11.97%	100%	1342.00	11.94/91.14	11.9/0.19	3.46/11.19	5.02/11.07	4.95/2.78	1198.46	89.30%



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/>