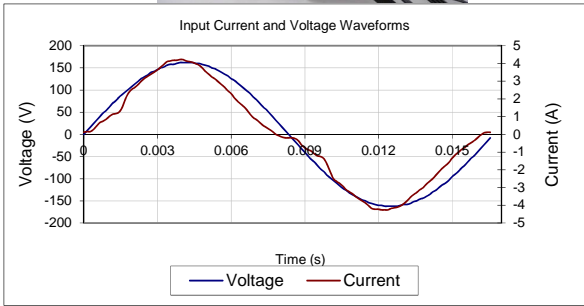


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.79%
AVERAGE EFFICIENCY :	89.45%
80 PLUS COMPLIANT:	YES



Ecos ID #	4547
Manufacturer	SileniumPC
Model Number	Supremo M2 550W 80Plus Gold
Serial Number	5904730204330
Year	2016
Type	ATX12V, EPS12V
Test Date	2/12/16

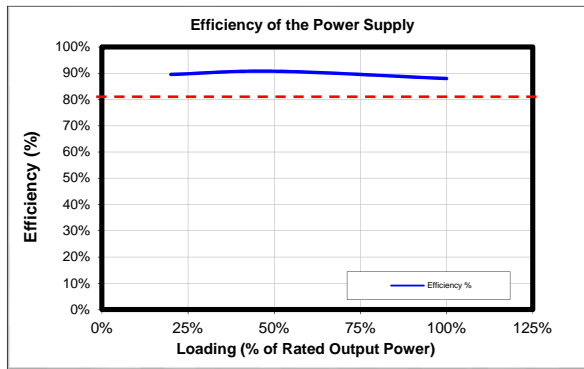
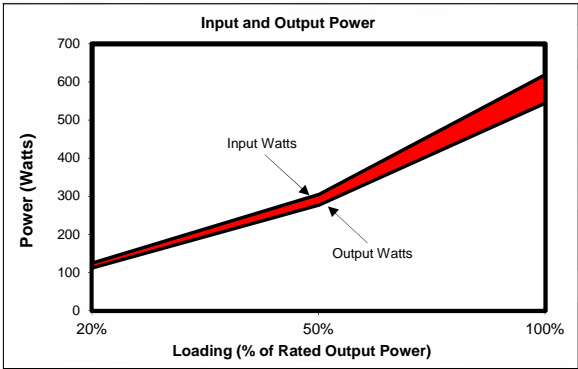


Input AC Current Waveform (ITHD = 16.7%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	63-47	Hz
Rated Output Power	550	Watts

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

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		
0.60	0.95	19.51%	10%	65.80	12.12/3.76	12.28/0.03	3.42/1.32	5.09/0.83	5.11/0.26	55.95	85.02%
1.11	0.97	18.68%	20%	124.46	12.09/7.52	12.23/0.05	3.4/2.65	5.07/1.65	5.09/0.51	111.46	89.55%
2.70	0.98	16.70%	50%	304.30	12.01/18.77	12.18/0.13	3.37/6.62	5.02/4.11	5.03/1.28	276.29	90.79%
5.44	0.99	12.75%	100%	618.60	11.87/37.45	12.41/0.26	3.3/13.2	4.94/8.21	4.92/2.55	544.36	88.00%



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/>

