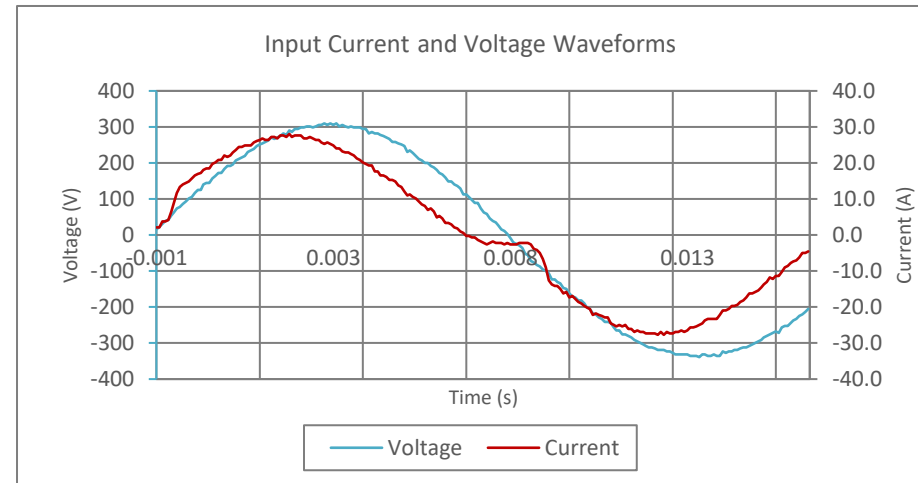


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.49%
AVERAGE EFFICIENCY :	89.05%
80 PLUS COMPLIANT:	YES



ID Number	EU-640.1
Manufacturer	SilentiumPC
Model Number	SilentiumPC Vero M3 Bronze 700W
Serial Number	2671912000002
Year	2020
Type	ATX12V, EPS12V
Test Date	1/21/20

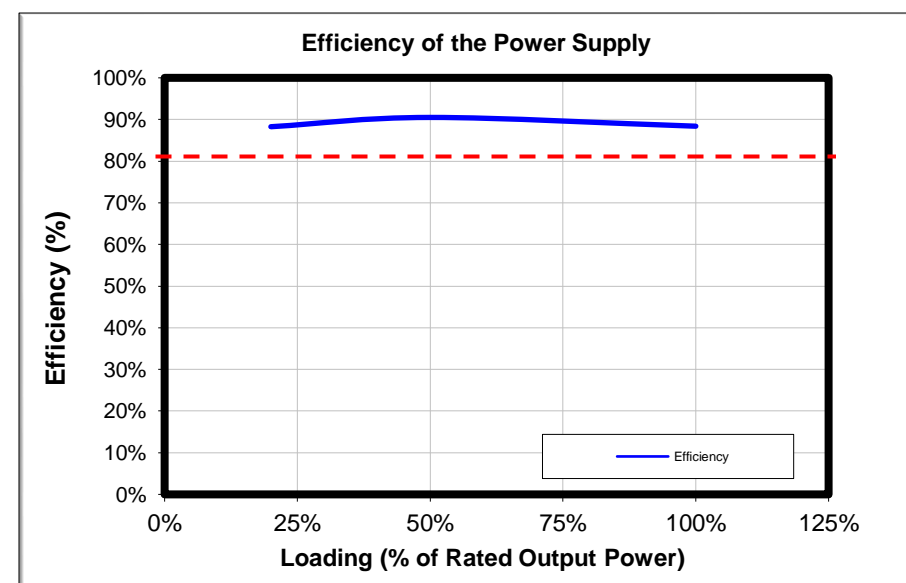
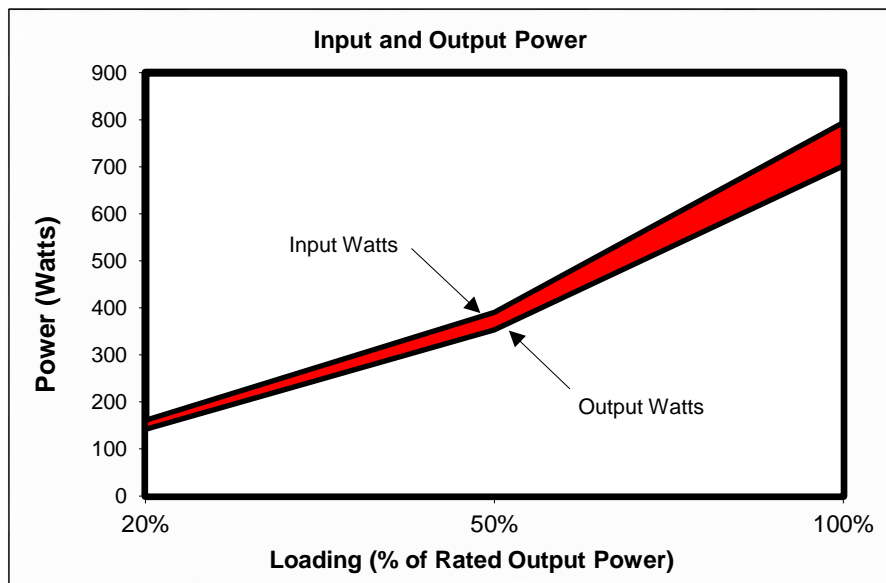


Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	6	Amps
Input Frequency	50	Hz
Rated Output Power	700	Watts

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

Input AC Current Waveform (ITHD = 15.83%, 50% Load)

I _{RMS}	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		
0.46	0.81	34.83%	10%	85.76	12.11/5.02	11.59/0.03	3.38/1.01	5.06/1.01	5.14/0.22	70.85	82.61%
0.79	0.89	29.34%	20%	160.69	12.11/10.09	11.55/0.05	3.37/2.02	5.04/2.01	5.12/0.43	141.83	88.26%
1.79	0.95	15.83%	50%	390.50	12.08/25.21	11.52/0.13	3.33/5.06	5/5.02	5.08/1.08	353.38	90.49%
3.52	0.98	9.36%	100%	793.90	12.03/50.37	11.47/0.26	3.26/10.12	4.92/10.01	5.01/2.16	701.73	88.39%



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/>

