

80 PLUS Verification and Testing Report

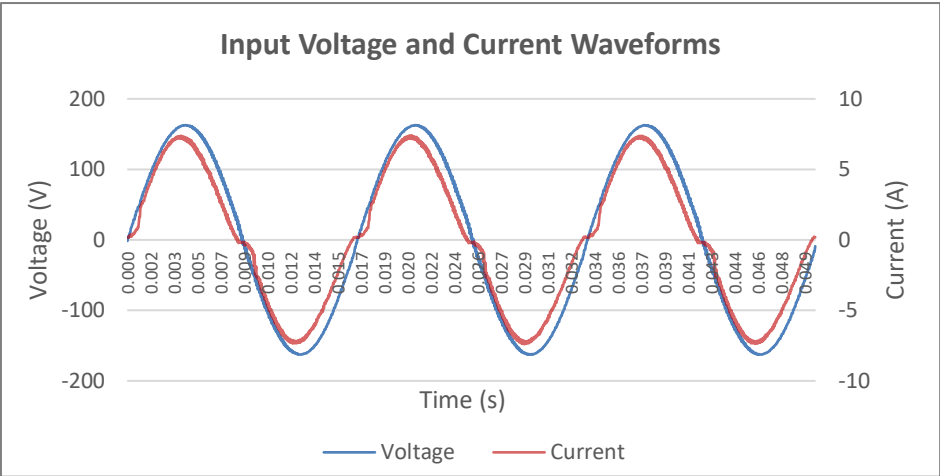
TYPICAL EFFICIENCY (50% Load):	92.40%
AVERAGE EFFICIENCY :	89.70%
80 PLUS COMPLIANT:	Platinum



ID Number	7175.2
Manufacturer	FSP Technology Inc.
Model Number	VITA-1000PM
Serial Number	N/A
Year	2023
Type	ATX12V, EPS12V
Test Date	10/6/23

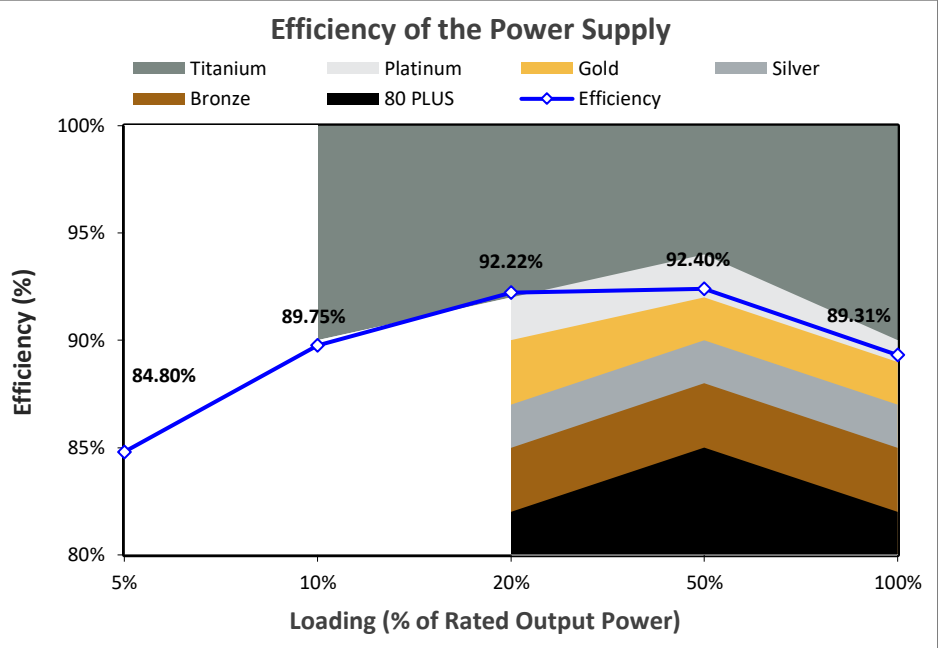
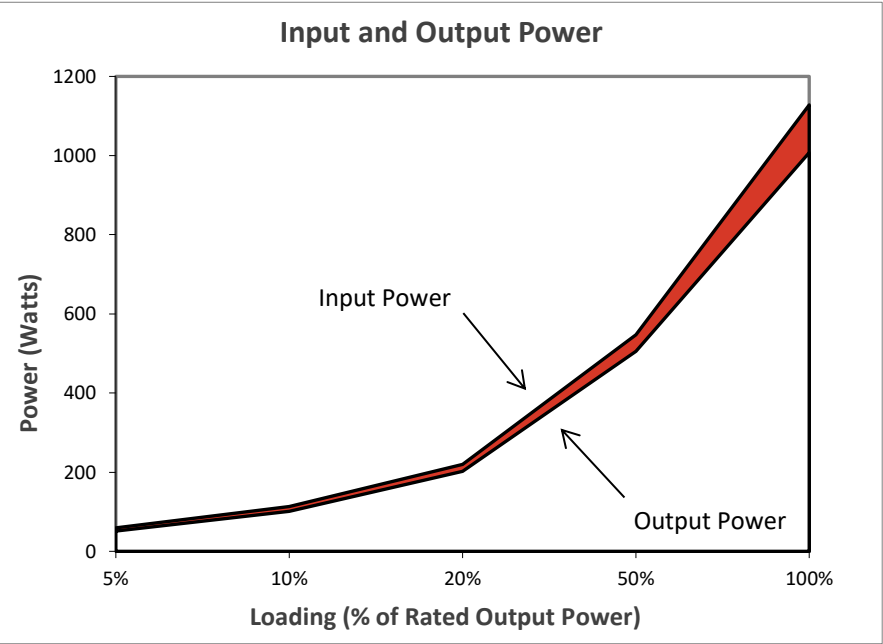
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 11.47%, 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	5Vstb	
0.130	0.2951	16.20	0%	4.42	No-Load					
0.546	0.9529	20.44	5%	59.87	12.18/3.73	11.96/0.013	3.36/0.54	5.08/0.54	5.11/0.134	50.7784.80%
1.010	0.9739	17.97	10%	113.11	12.18/7.45	11.96/0.027	3.36/1.08	5.08/1.08	5.1/0.268	101.5289.75%
1.939	0.9864	14.47	20%	219.92	12.17/14.9	11.96/0.054	3.35/2.15	5.07/2.15	5.09/0.536	202.8292.22%
4.812	0.9891	11.47	50%	547.36	12.14/37.25	11.96/0.134	3.33/5.39	5.05/5.39	5.06/1.341	505.7792.40%
9.875	0.9938	8.92	100%	1128.00	12.1/74.5	11.97/0.268	3.29/10.77	5.01/10.77	5/2.681	1007.4189.31%



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/>