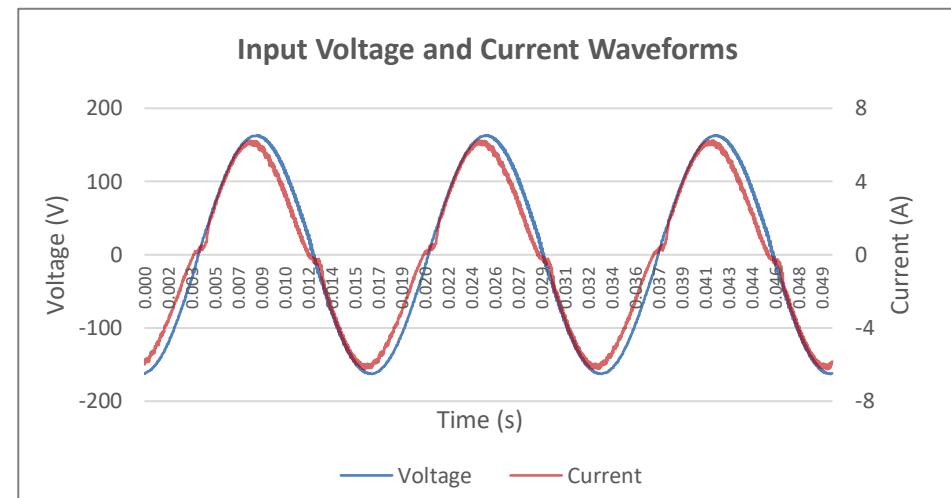


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.48%
AVERAGE EFFICIENCY :	89.51%
80 PLUS COMPLIANT:	Platinum



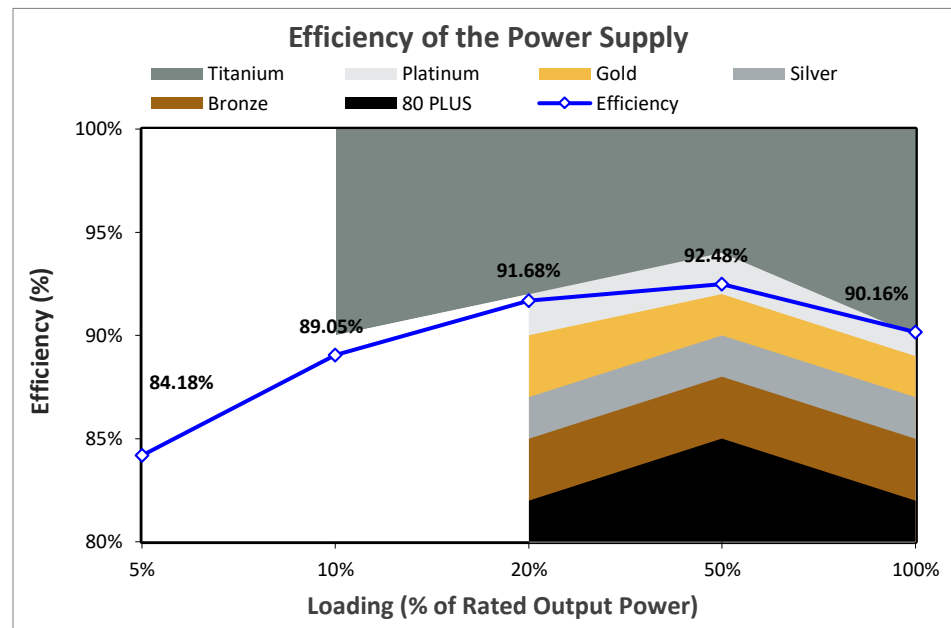
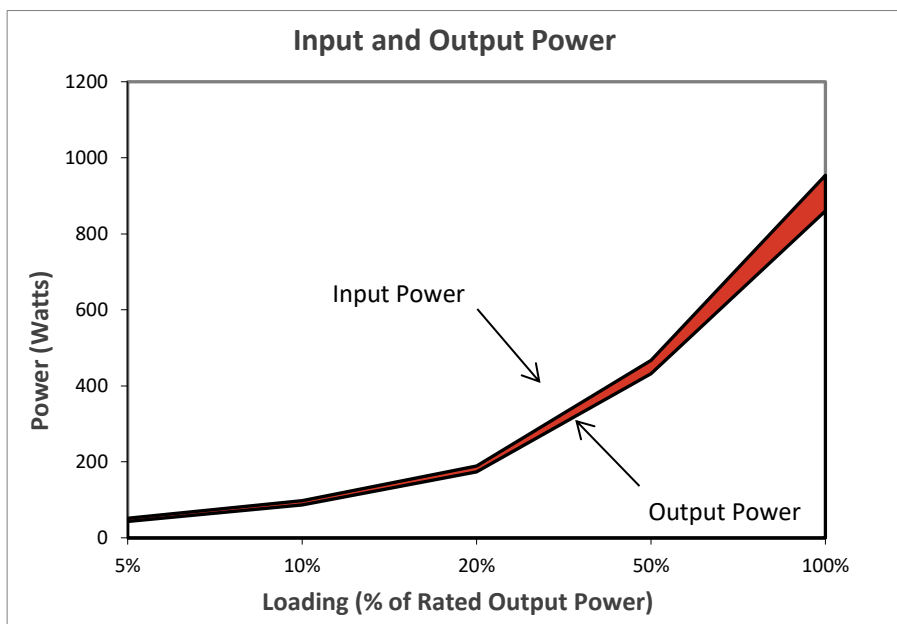
ID Number	7176
Manufacturer	FSP Technology Inc.
Model Number	VITA-850GM
Serial Number	9PA8507700 S3200030005
Year	2023
Type	ATX12V, EPS12V
Test Date	10/9/23



Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	11-5.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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

I <sub>RMS</sub> (A)	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	5Vstb		
0.150	0.2857	20.77	0%	4.93	No-Load						
0.485	<b>0.9215</b>	12.44	5%	51.43	12.22/3.11	12.08/0.013	3.39/0.53	5.08/0.53	5.11/0.132	43.30	84.18%
0.868	<b>0.9739</b>	9.52	10%	97.22	12.22/6.22	12.08/0.026	3.38/1.06	5.08/1.06	5.1/0.263	86.57	89.05%
1.656	<b>0.9904</b>	8.18	20%	188.71	12.21/12.43	12.08/0.053	3.38/2.11	5.08/2.11	5.1/0.527	173.01	91.68%
4.094	<b>0.9909</b>	8.82	50%	466.68	12.19/31.08	12.08/0.132	3.36/5.29	5.05/5.29	5.06/1.316	431.60	92.48%
8.329	<b>0.9960</b>	6.11	100%	953.84	12.15/62.17	12.09/0.263	3.33/10.57	5.02/10.57	5.01/2.632	859.96	90.16%



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/>