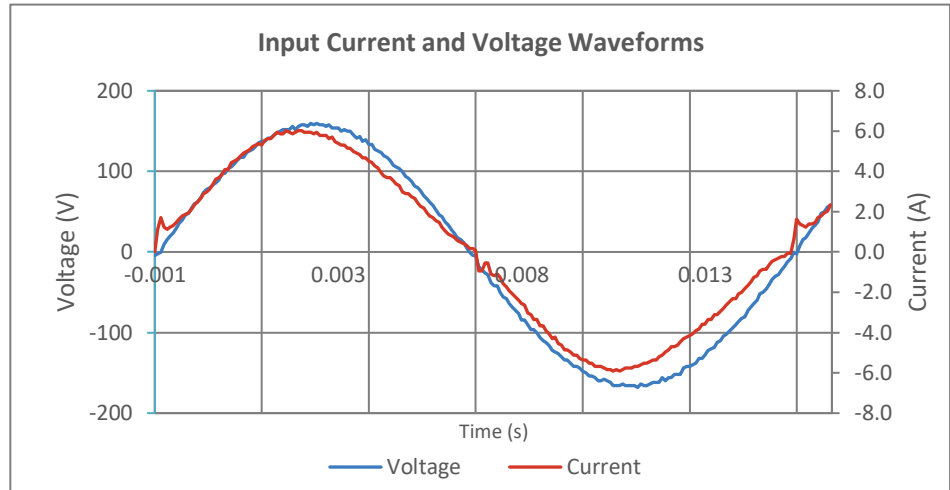


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	94.36%
AVERAGE EFFICIENCY :	93.04%
80 PLUS COMPLIANT:	Titanium



ID Number	6839
Manufacturer	FSP Technology Inc.
Model Number	HTI-850M
Serial Number	N/A
Year	2022
Type	ATX12V, EPS12V
Test Date	6/29/22

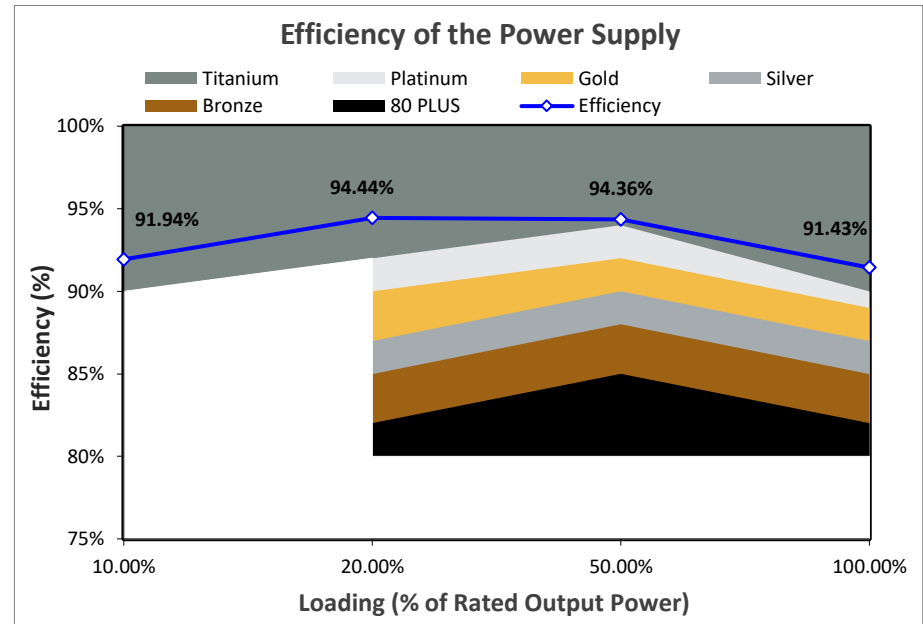
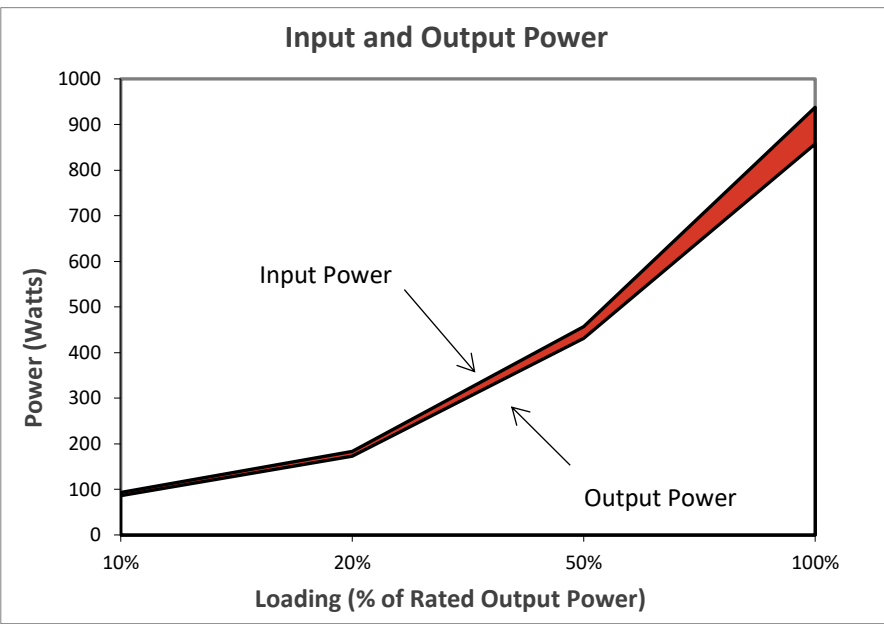


Input AC Current Waveform (ITHD = 5.78%, 50% Load)

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>	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		
0.832	0.9792	6.96%	10%	93.66	12.13/6.09	12.28/0.03	3.4/1.24	5.11/1.24	5.1/0.26	86.11	91.94%
1.606	0.9905	6.75%	20%	182.89	12.13/12.23	12.29/0.05	3.4/2.49	5.1/2.48	5.08/0.52	172.73	94.44%
3.987	0.9958	5.78%	50%	456.80	12.12/30.58	12.32/0.13	3.38/6.22	5.09/6.16	5.02/1.29	431.03	94.36%
8.196	0.9949	7.37%	100%	937.70	12.09/61.04	12.29/0.26	3.35/12.44	5.05/12.3	4.92/2.58	857.37	91.43%



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/>