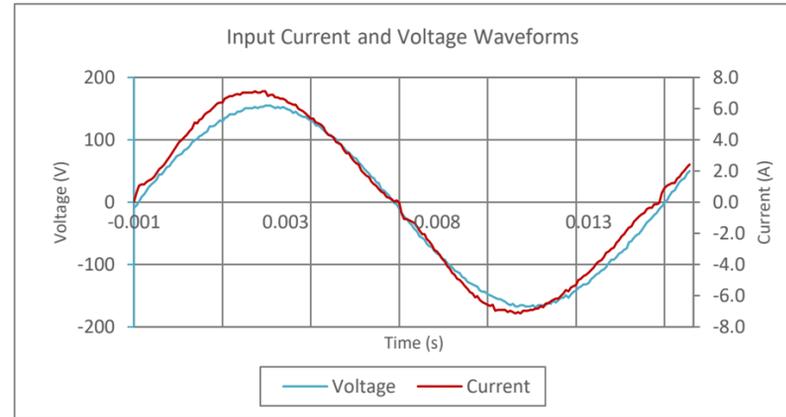


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>92.23%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>91.05%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	5644
<b>Manufacturer</b>	FSP Technology Inc.
<b>Model Number</b>	HPT2-1000M
<b>Serial Number</b>	S9081030001
<b>Year</b>	2019
<b>Type</b>	ATX12V, EPS12V
<b>Test Date</b>	9/5/19

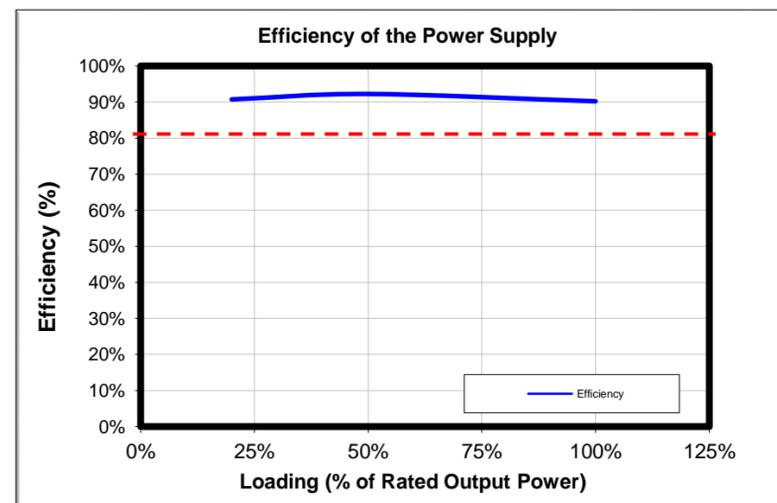
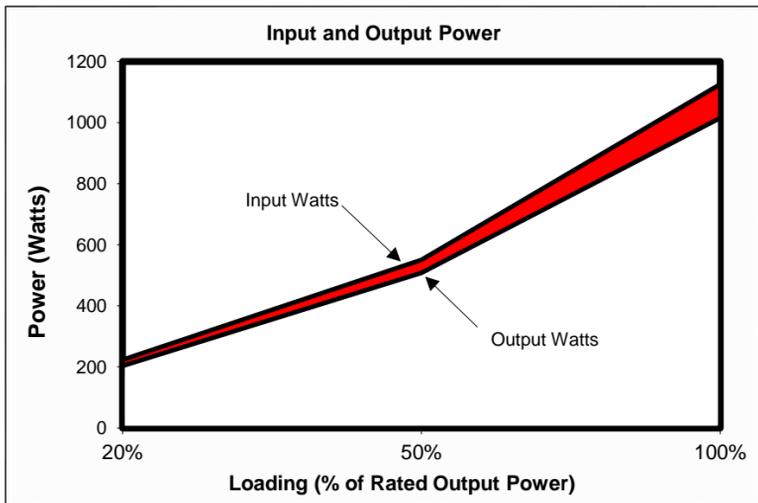


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13-6	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>1000</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 5.32%, 50% Load)

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		
1.04	0.97	12.92%	10%	116.76	12.17/3.2	12.18/0.03	3.42/1.27	5.19/1.27	5.05/0.26	101.17	86.65%
1.96	0.99	5.12%	20%	223.79	12.09/14.7	12.18/0.05	3.45/2.54	5.22/2.53	5.05/0.53	203.04	90.73%
4.81	1.00	5.32%	50%	550.70	12.07/36.75	12.19/0.13	3.55/6.36	5.29/6.3	5.02/1.32	507.89	92.23%
9.84	0.99	7.20%	100%	1125.40	12.04/73.42	12.22/0.26	3.7/12.71	5.41/12.57	4.96/2.63	1015.07	90.20%



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/>

