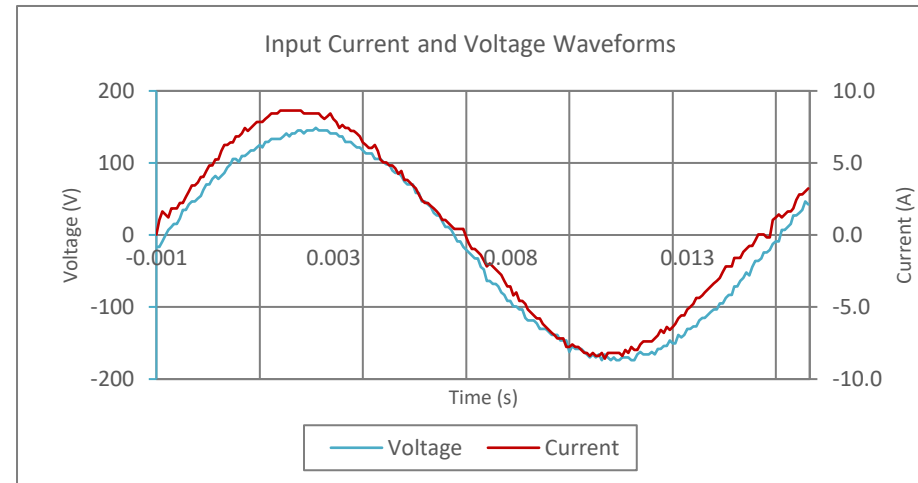


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>92.49%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>91.28%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	5645
<b>Manufacturer</b>	FSP Technology Inc.
<b>Model Number</b>	HPT2-1200M
<b>Serial Number</b>	S9081030022
<b>Year</b>	2019
<b>Type</b>	ATX12V, EPS12V
<b>Test Date</b>	9/5/19

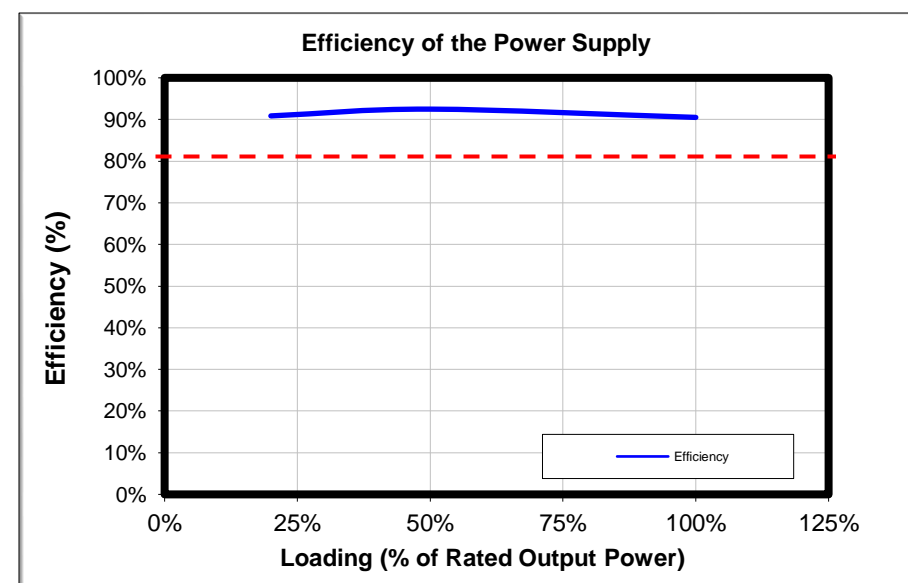
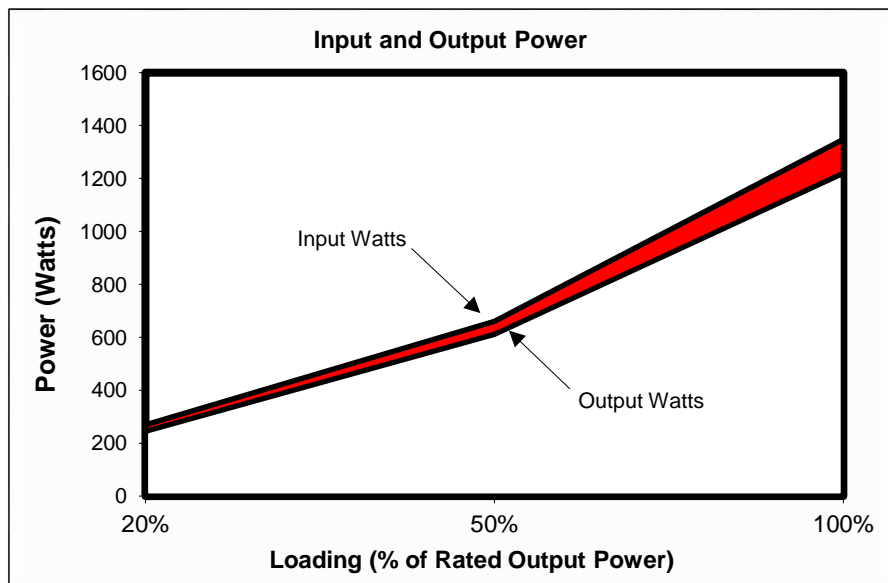


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-9/9	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>1200</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 5.71%, 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		
1.24	0.98	11.24%	10%	139.77	12.14/8.98	12.11/0.03	3.4/1.3	5.19/1.3	5.07/0.27	121.94	87.24%
2.36	0.99	5.94%	20%	269.10	12.14/18.03	12.11/0.05	3.44/2.59	5.22/2.58	5.06/0.54	244.49	90.86%
5.77	1.00	5.71%	50%	660.50	12.12/45.02	12.13/0.13	3.55/6.48	5.31/6.43	5.03/1.34	610.87	92.49%
11.78	0.99	7.41%	100%	1348.10	12.09/89.8	12.16/0.27	3.72/12.97	5.45/12.83	4.95/2.69	1220.01	90.50%



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/>

