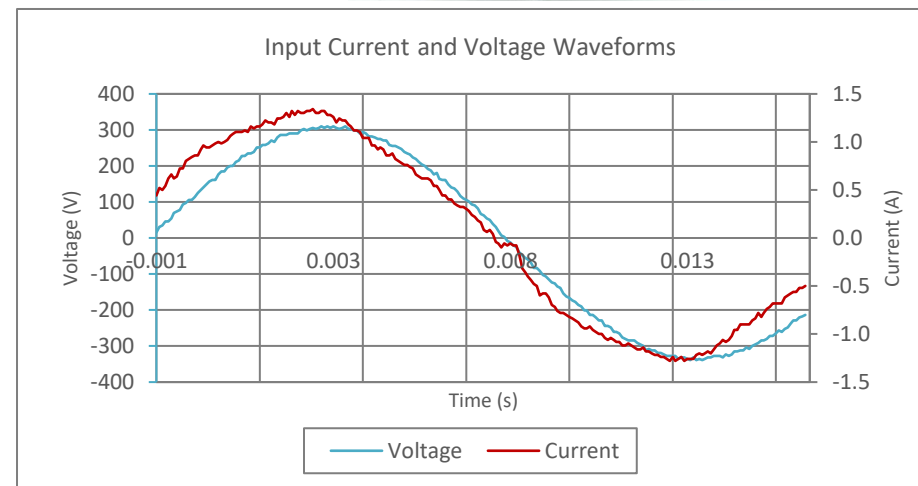


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>88.15%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>86.40%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	EU-577.1
<b>Manufacturer</b>	FSP Technology Inc.
<b>Model Number</b>	FSP350-51AAC
<b>Serial Number</b>	N/A
<b>Year</b>	2019
<b>Type</b>	ATX12V
<b>Test Date</b>	8/20/19

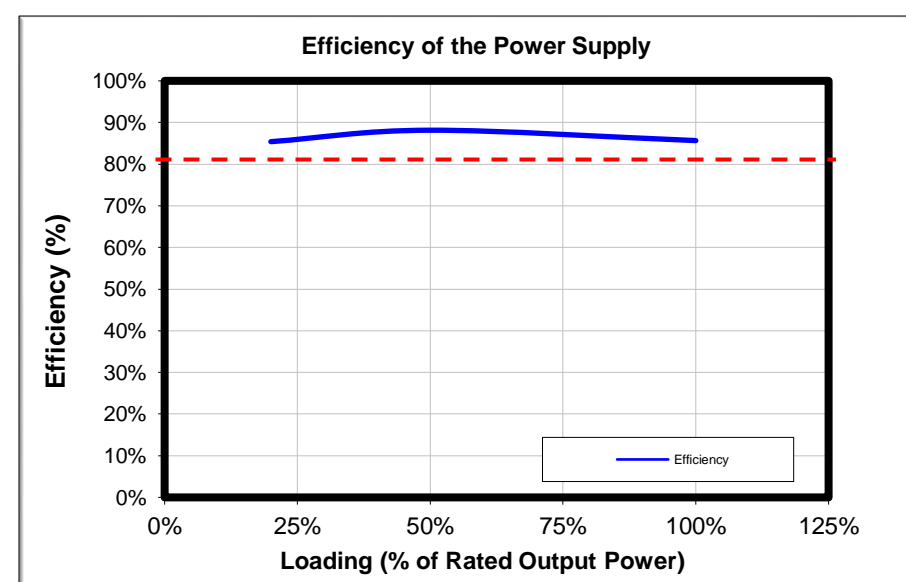
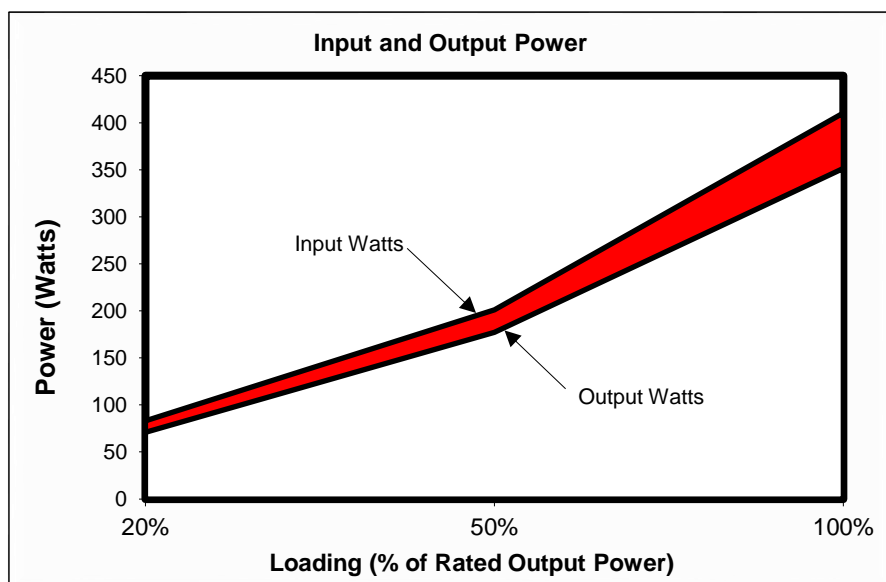


Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	3	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>350</b>	<b>Watts</b>

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.

Input AC Current Waveform (ITHD = 6.16%, 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		
0.23	0.85	27.71%	10%	44.92	12.19/2.26	12.06/0.02	3.38/0.79	5.02/0.79	5.12/0.19	35.44	78.90%
0.39	0.92	12.97%	20%	83.38	12.17/4.54	12.05/0.05	3.37/1.59	5.01/1.59	5.1/0.39	71.20	85.40%
0.89	0.98	6.16%	50%	200.92	12.11/11.38	12.06/0.12	3.35/3.97	4.99/3.94	5.06/0.97	177.11	88.15%
1.80	0.99	9.03%	100%	410.30	12.04/22.73	12.11/0.23	3.31/7.96	4.96/7.88	4.97/1.94	351.43	85.65%



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/>

