

## 80 PLUS Verification and Testing Report

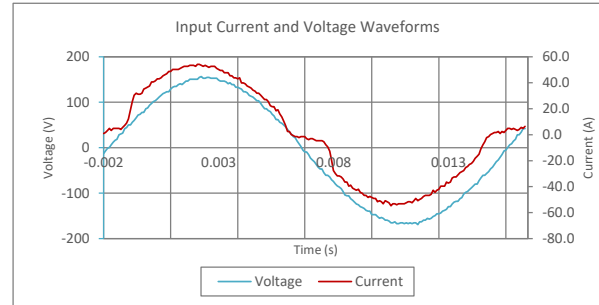
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>90.91%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>89.50%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	5977
<b>Manufacturer</b>	FSP Technology Inc.
<b>Model Number</b>	FSP750-50SG
<b>Serial Number</b>	N/A
<b>Year</b>	2020
<b>Type</b>	ATX12V,SFX
<b>Test Date</b>	6/4/20

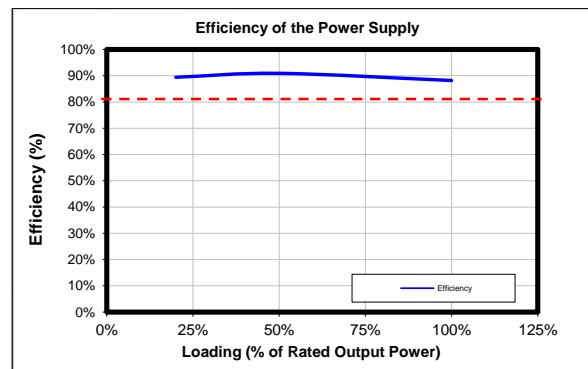
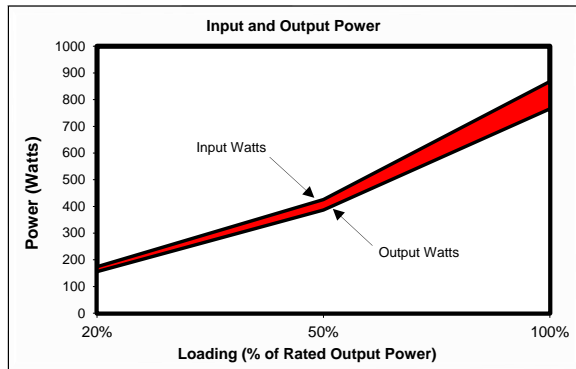
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	60-50	Hz
<b>Rated Output Power</b>	<b>750</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 10.63%, 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		
0.82	0.98	10.84%	10%	92.85	12.45/5.53	12.38/0.04	3.34/0.86	5.09/0.86	5/0.22	77.66	83.65%
1.55	0.98	19.18%	20%	174.25	12.44/11.1	11.93/0.09	3.33/1.72	5.08/1.72	4.98/0.45	155.79	89.41%
3.73	0.99	10.63%	50%	425.60	12.38/27.73	11.9/0.22	3.3/4.29	5.04/4.25	4.92/1.11	386.92	90.91%
7.59	0.99	7.57%	100%	867.90	12.27/55.35	11.85/0.45	3.27/8.59	4.99/8.5	4.82/2.23	765.37	88.19%



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/>

