

# 80 PLUS Verification and Testing Report

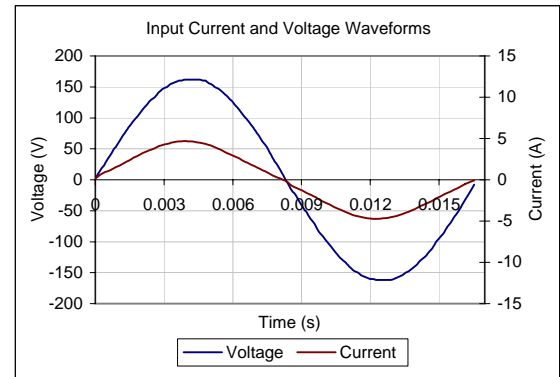
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>83.96%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.23%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	247
<b>Manufacturer</b>	FSP
<b>Model Number</b>	FSP270-65LE
<b>Serial Number</b>	N/A
<b>Year</b>	2007
<b>Type</b>	EPS1U & Flex
<b>Test Date</b>	6/5/2007

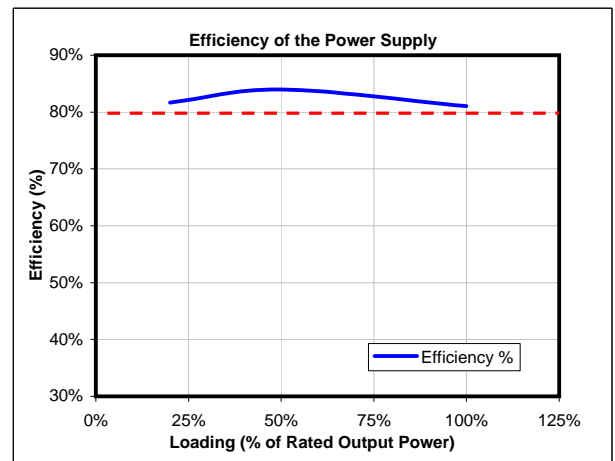
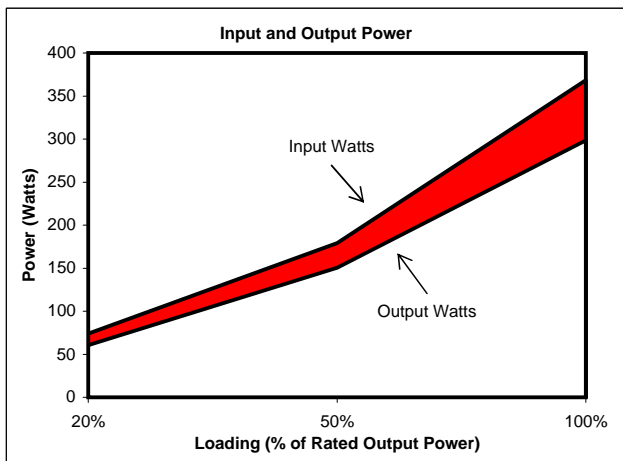
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5-3A	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>300</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 6.85%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of 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		
0.65	0.99	6.8%	20%	Light	74	12.2/3.3	11.3/0.2	3.3/1.8	5.1/2	5/0.5	60	81.68%
1.57	0.99	6.9%	50%	Typical	179	12.1/8.1	11.1/0.4	3.3/4.6	5.1/5.1	4.9/1.3	150	83.96%
3.21	1.00	5.8%	100%	Full	369	12.1/16.3	10.9/0.8	3.3/9.1	4.9/10.3	4.9/2.5	299	81.04%



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/>

