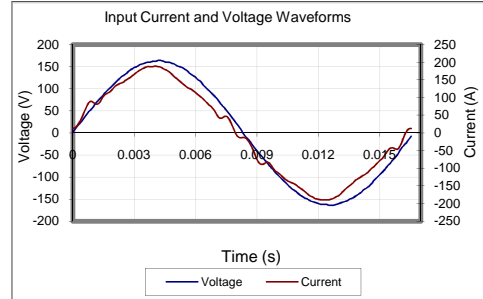


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.43%
AVERAGE EFFICIENCY :	84.54%
80 PLUS COMPLIANT:	YES



Ecos ID #	2384
Manufacturer	FSP TECHNOLOGY INC
Model Number	FSP250-50LC(1U)
Serial Number	N/A
Year	2010
Type	ESP, 1U, OTHER
Test Date	1/5/2011

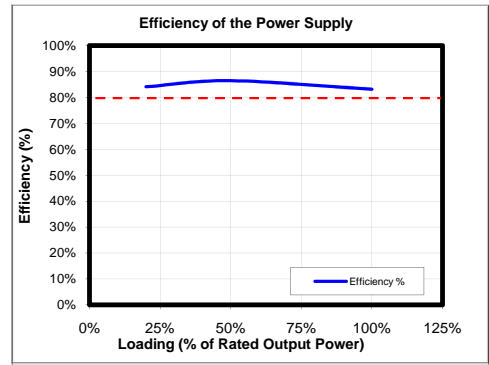
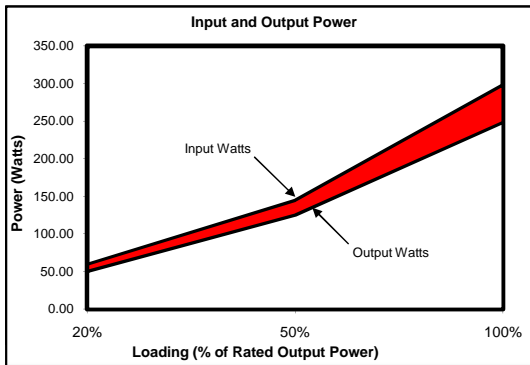


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4-2	Amps
Input Frequency	60-50	Hz
<b>Rated Output Power</b>	<b>250</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 7.36%, 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.)										
0.54	0.97	9.89%	20%	Light	59.89	12/2.9					11.6/0	3.3/1.4	5/1.6	5.1/0.4	50.35	84.07%
1.27	0.99	7.36%	50%	Typical	144.92	12/7.2					11.6/0.1	3.3/3.5	5/4.1	5/1	125.25	86.43%
2.65	0.98	18.24%	100%	Full	298.90	11.8/14.5					11.7/0.2	3.3/7	5/8.2	5/2	248.41	83.11%



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/>

