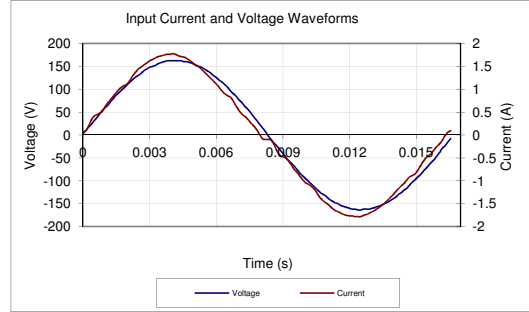


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.39%
AVERAGE EFFICIENCY :	89.07%
80 PLUS COMPLIANT:	YES



Ecos ID #	3290
Manufacturer	FSP Technology Inc
Model Number	FSP250-60SGV
Serial Number	N/A
Year	2012
Type	TFX
Test Date	13-Sep-12

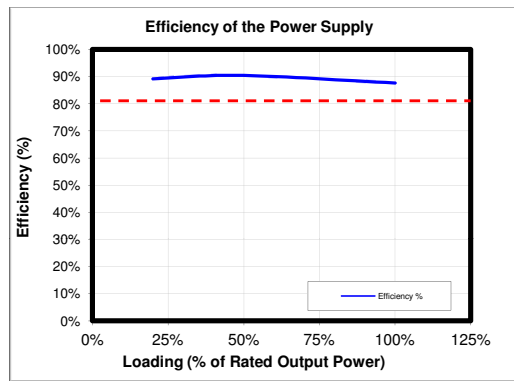
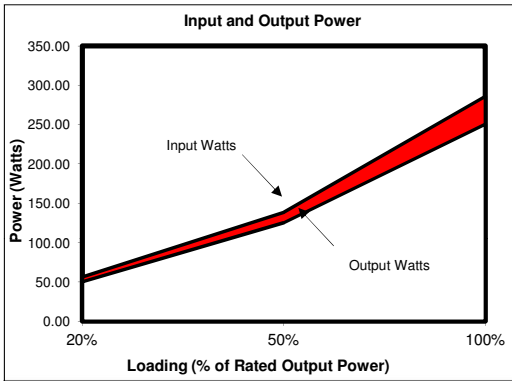


Input AC Current Waveform (ITHD = 6.89%, 50% Load)

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

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

I <sub>RMS</sub> A	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.)						
0.27	0.94	25.49%	10%	29.60	11.8/1.3	12.7/0	3.4/0.9	5.1/1	5/0.2	24.95	84.29%
0.50	0.98	16.67%	20%	56.44	11.9/2.6	12.4/0	3.4/1.8	5.1/2	5/0.5	50.33	89.18%
1.21	1.00	6.89%	50%	138.81	11.9/6.5	12.4/0.1	3.4/4.6	5.1/4.9	5/1.2	125.47	90.39%
2.49	1.00	4.08%	100%	286.20	12/13.1	12.5/0.2	3.3/9.1	5/9.8	5/2.3	250.80	87.63%



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/>

