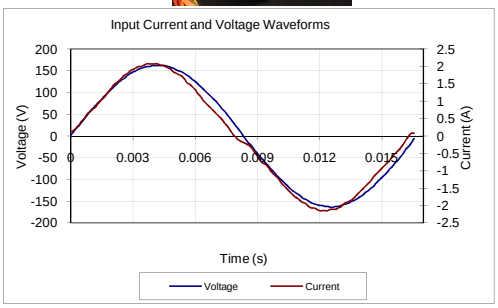
80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	**90.52%**
AVERAGE EFFICIENCY :	**89.07%**
80 PLUS COMPLIANT:	**YES**

Ecos ID #	2613
Manufacturer	FSP Technology Inc
Model Number	FSP300-60SGV
Serial Number	S1201000021
Year	2011
Type	TFX
Test Date	6/16/2011

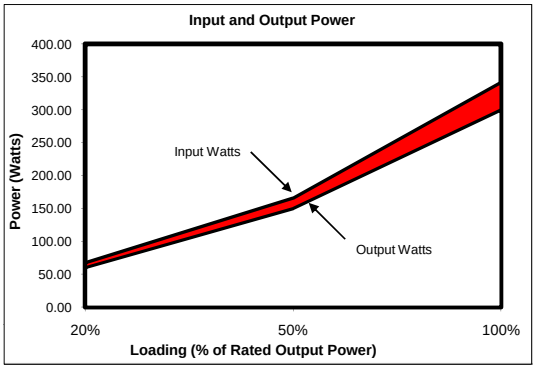
Rated Specifications	**Value**	**Units**
Input Voltage	100-240	Volts
Input Current	4-2	Amps
Input Frequency	50-60	Hz
Rated Output Power	**300**	**Watts**

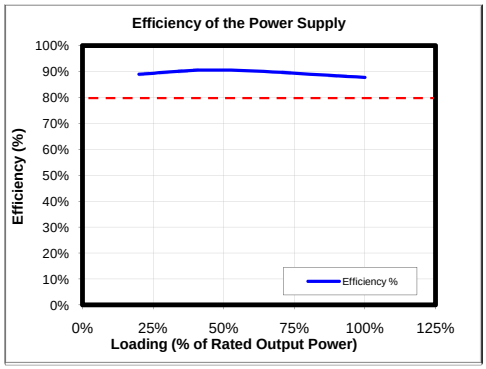
Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 6.78%, 50% Load)

I_{RMS} A	PF	I_{THD} (%)	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		
0.60	0.98	15.10%	20%	**Light**	67.53	11.8/3.5	12.8/0	3.4/1.8	5.1/1.8	5/0.4	60.09	**88.98%**
1.45	1.00	6.78%	50%	**Typical**	165.82	11.9/8.8	12.8/0.1	3.4/4.5	5.1/4.5	5/1.1	150.09	**90.52%**
2.98	1.00	4.63%	100%	**Full**	342.10	11.9/17.6	12.7/0.2	3.3/9	5.1/9.1	5/2.2	300.11	**87.73%**





PLUG LOAD solutions

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/*

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