

## 80 PLUS Verification and Testing Report

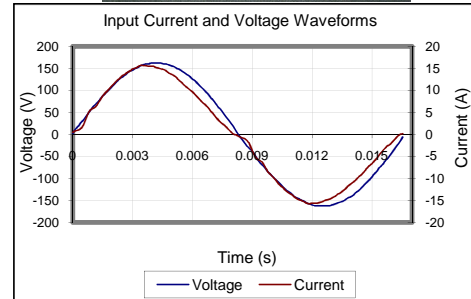
TYPICAL EFFICIENCY (50% Load):	87.80%
AVERAGE EFFICIENCY :	85.87%
80 PLUS COMPLIANT:	YES



Ecos ID #	1699
Manufacturer	FSP TECHNOLOGY INC.
Model Number	FSP1000-10APG
Serial Number	PY10M0800193400003P410
Year	2009
Type	ATX12V & EPS12V
Test Date	9/29/2009

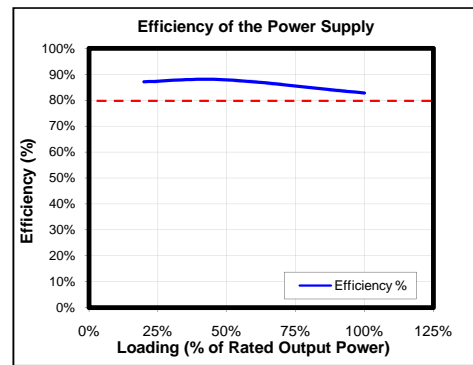
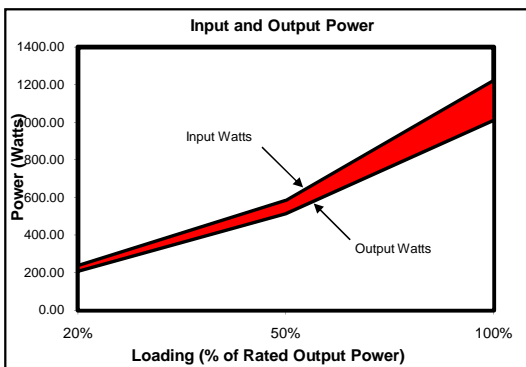
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	14-7	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 17.88%, 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*		
2.21	0.9381	32.96%	20%	Light	238.30	12.5/13.7	11/0.1	3.4/3.8	5.1/3.8	5/0.6	207.55	87.10%
5.21	0.9766	17.88%	50%	Typical	585.60	12.4/34.3	11/0.3	3.3/9.4	5.1/9.4	5/1.6	514.18	87.80%
10.70	0.9927	8.28%	100%	Full	1223.10	12.2/68.5	11.2/0.5	3.2/18.7	5/18.9	4.9/3.2	1011.45	82.70%



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/>

