

80 PLUS Verification and Testing Report

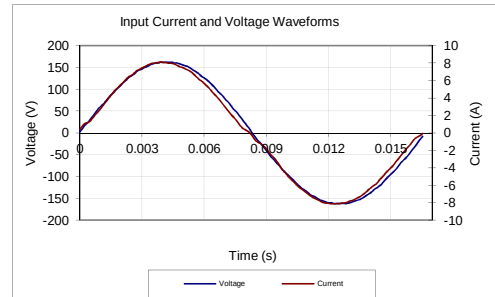
TYPICAL EFFICIENCY (50% Load):	92.61%
AVERAGE EFFICIENCY :	91.46%
80 PLUS COMPLIANT:	YES



Ecos ID #	3917.1
Manufacturer	FSP Technology Inc
Model Number	PT-1200FM
Serial Number	S3430000024
Year	2014
Type	OTHER ATX 12V& EPS12V
Test Date	3/26/14

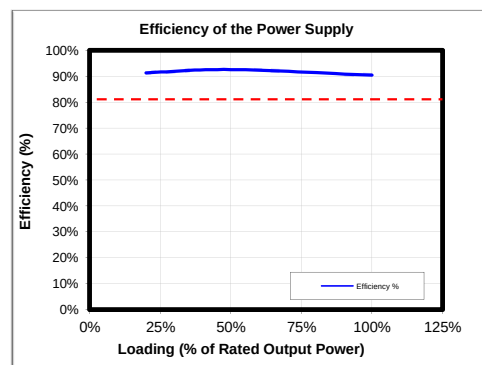
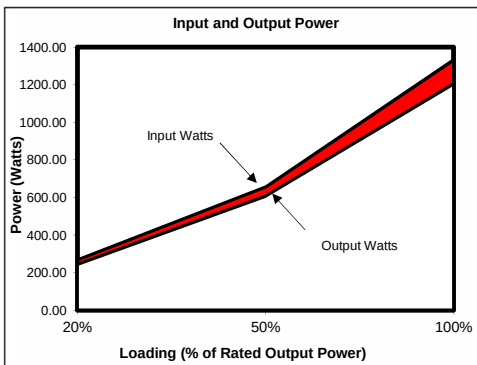
Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	15-9	Amps
Input Frequency	50-60	Hz
Rated Output Power	1200	Watts

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



Input AC Current Waveform (ITHD = 4.87%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	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		
1.22	0.98	11.26%	10%	138.12	12.1/8.7	12.1/0.1	3.4/1.7	5.1/1.7	5.1/0.3	121.91	88.26%
2.33	1.00	5.19%	20%	266.50	12.1/17.4	12.1/0.1	3.4/3.3	5.1/3.3	5/0.5	243.45	91.35%
5.71	1.00	4.87%	50%	655.00	12.1/43.4	12.2/0.4	3.3/8.3	5/8.3	5/1.3	606.59	92.61%
11.60	1.00	4.31%	100%	1331.60	12.1/86.4	12.2/0.7	3.3/16.6	5/16.5	5/2.6	1204.09	90.42%



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/>

