

80 PLUS Verification and Testing Report

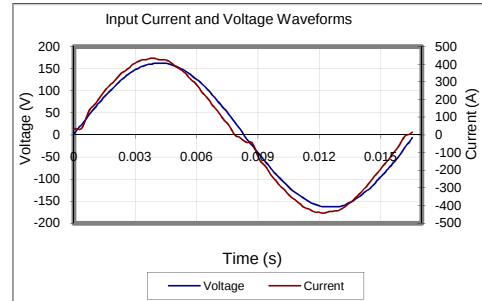
TYPICAL EFFICIENCY (50% Load):	87.40%
AVERAGE EFFICIENCY :	85.94%
80 PLUS COMPLIANT:	YES



Ecos ID #	2315
Manufacturer	FSP TECHNOLOGY INC.
Model Number	FSP600-90MPB
Serial Number	S0341000018
Year	2010
Type	CUSTOM
Test Date	11/22/2010

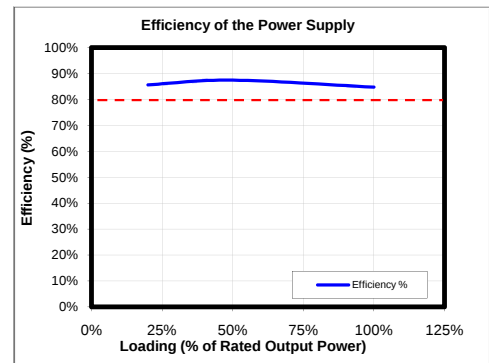
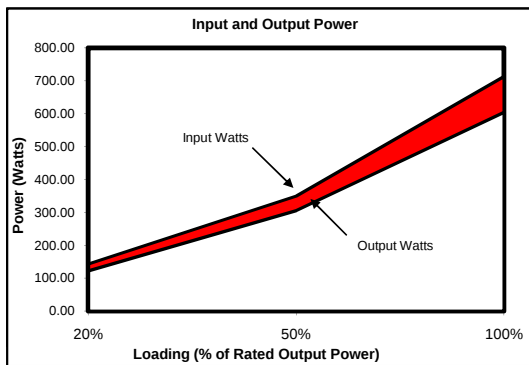
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	60-50	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 6.61%, 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		
1.26	0.99	9.59%	20%	Light	143.62	12.3/8.1	12.2/0.1	3.3/2.4	5.1/2.4	5/0.4	123.02	85.66%
3.06	0.99	6.61%	50%	Typical	350.10	12.2/20.2	12.2/0.2	3.3/6.1	5.1/6.1	5/1.1	305.99	87.40%
6.21	1.00	4.11%	100%	Full	713.70	12.1/40.5	12.3/0.3	3.3/12.1	5.1/12.1	5/2.2	604.93	84.76%



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/>

