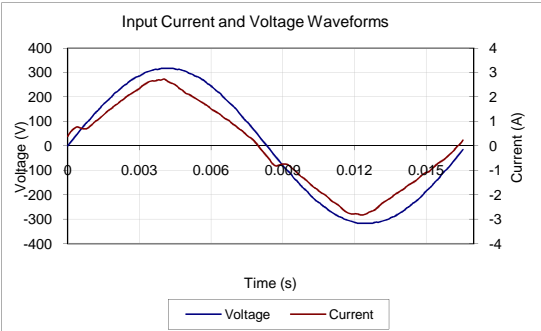


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>94.02%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>92.86%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	SO-299
<b>Manufacturer</b>	IBM
<b>Model Number</b>	DPS-750AB-1 A
<b>Serial Number</b>	11S69Y5740YSDV0213F00B
<b>Year</b>	2011
<b>Type</b>	1U
<b>Test Date</b>	8/5/2011



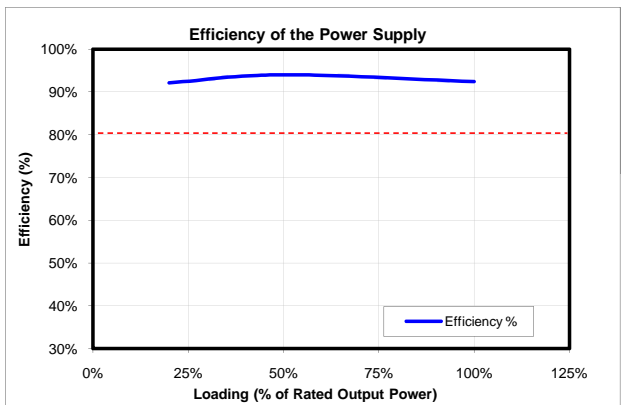
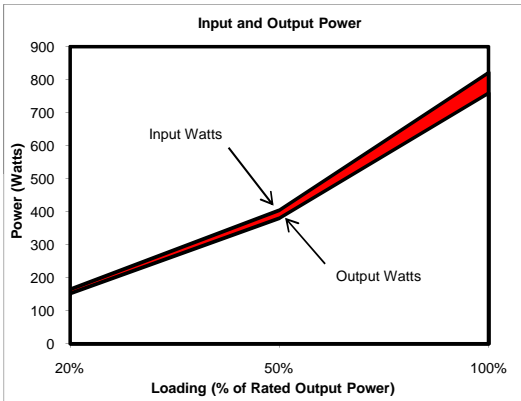
Rated Specifications	Value	Units
Input Voltage	100-127/200-240	Volts
Input Current	8.9 - 4.5	Amps
Input Frequency	47-63	Hz
<b>Rated Output Power</b>	<b>750</b>	<b>Watts</b>

Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.

Input AC Current Waveform (ITHD = 9.99%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)**	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency %
							12V	12Vsb		
0.44	0.85	18.15	*10%	Low	87	8.40	12.2/6.03	12.06/0.24	77	88.34%
0.75	0.95	13.86	20%	Light	165	8.59	12.19/12.01	12.04/0.49	152	92.14%
1.78	0.99	9.99	50%	Typical	405	8.47	12.18/30.03	12.11/1.22	381	94.02%
3.59	1.00	4.68	100%	Full	822	8.47	12.16/60.07	11.98/2.44	760	92.42%

\* 10% load results are for informative purposes only and not included in certification requirements.  
 \*\* Fan power is not included in the efficiency calculations



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS<sup>®</sup> 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/>

