

# 80 PLUS Verification and Testing Report

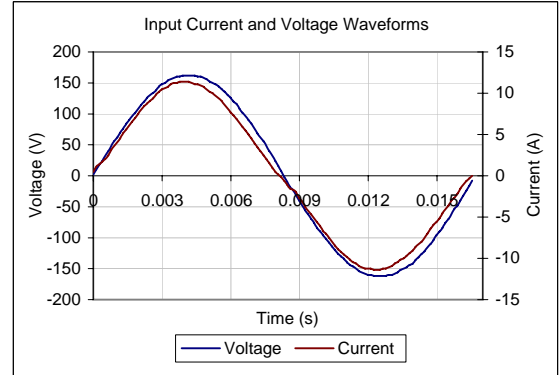


<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>84.33%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.23%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	259
<b>Manufacturer</b>	DELL
<b>Model Number</b>	JK933
<b>Serial Number</b>	NA
<b>Year</b>	2007
<b>Type</b>	Custom
<b>Test Date</b>	6/26/2007

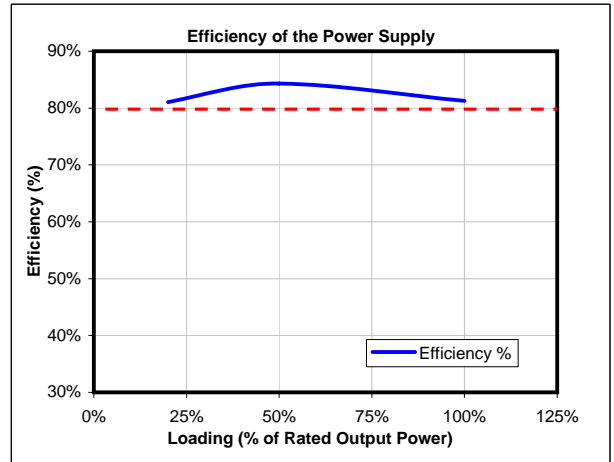
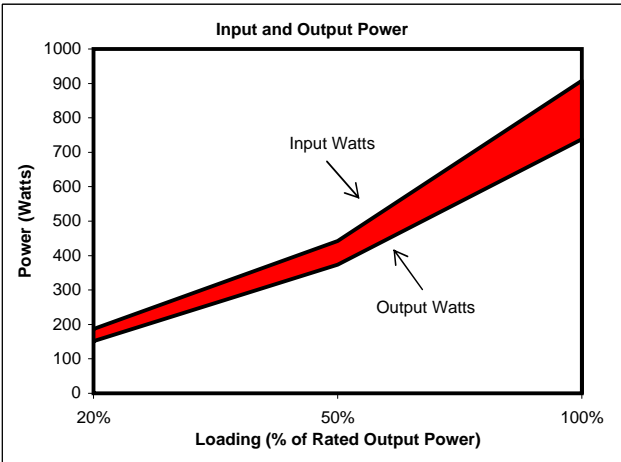
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>750</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 5.46%, 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*	5VSB		
1.66	0.98	11.6%	20%	Light	187	12.1/10.1	12/0	3.3/4.3	5/2.3	5.1/0.5	151	81.07%
3.87	1.00	5.5%	50%	Typical	443	11.9/25.3	12.1/0.1	3.3/10.8	5/5.8	5/1.3	373	84.33%
7.91	1.00	5.4%	100%	Full	908	11.8/50.5	12.1/0.2	3.3/21.6	5/11.6	4.9/2.6	738	81.29%



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/>

