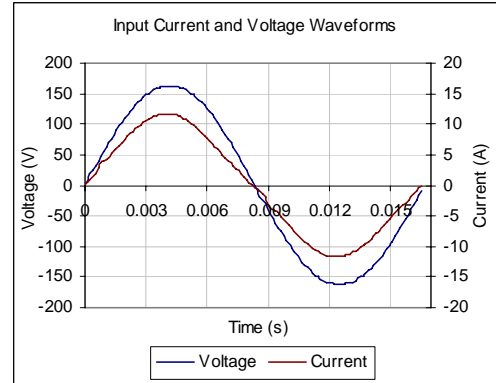


# 80 PLUS Verification and Testing Report



<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>83.14%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>81.64%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	51
<b>Manufacturer</b>	Channel Well Technology
<b>Model Number</b>	PSH750R-D
<b>Serial Number</b>	D64351951
<b>Year</b>	2006
<b>Type</b>	ATX12V
<b>Test Date</b>	6/9/2006

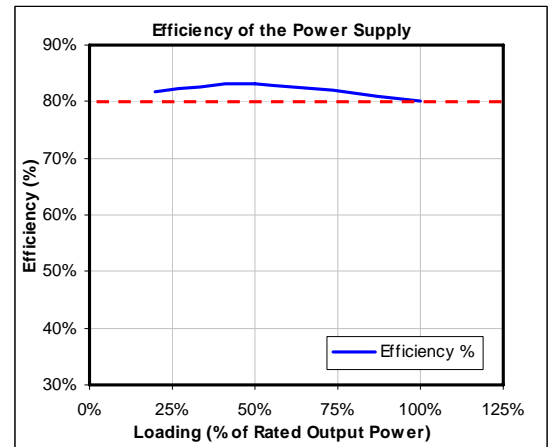
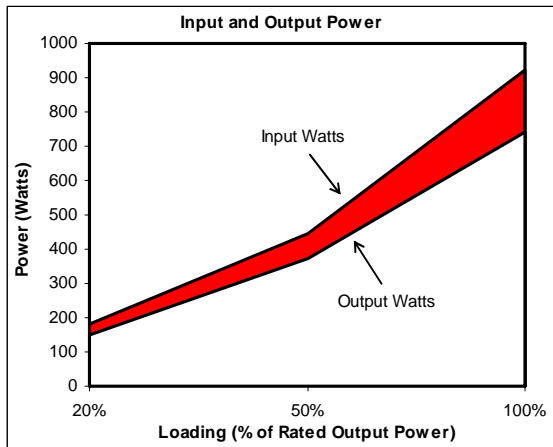


Input AC Current Waveform ( $I_{THD} = 5.6\%$ , 50% Load)

Rated Specifications	Value	Units
Input Voltage	100 - 240	Volts
Input Current	10 - 5	Amps
Input Frequency	60 - 47	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.

$I_{RMS}$ A	PF	$I_{THD}$ (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)								Output Watts	Efficiency %
						12V1	12V2	12V3	12V4	-12V	3.3V	5V*	5VSB		
1.62	0.99	6.7%	20%	Light	184	12.0/2.4	12.0/2.4	12.0/2.4	12.0/2.4	12.2/0.2	3.3/3.7	5.1/3.4	4.9/0.5	150	81.61%
3.90	1.00	5.6%	50%	Typical	447	12.0/6.1	11.9/6.1	12.0/6.1	11.9/6.1	12.2/0.3	3.2/9.2	5.0/8.5	4.8/1.2	372	83.14%
8.04	1.00	6.0%	100%	Full	923	11.9/12.1	11.9/12.2	11.9/12.1	11.9/12.2	12.4/0.6	3.1/18.3	4.9/17.1	4.8/2.4	740	80.18%



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.



Tested by EPRI Solutions Inc., Knoxville, TN.