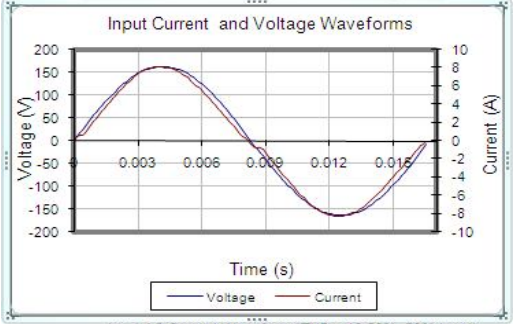


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>85.04%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>83.42%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



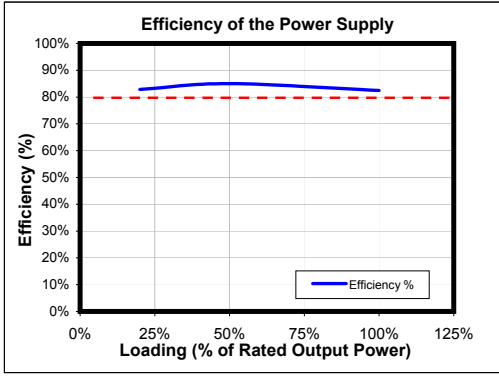
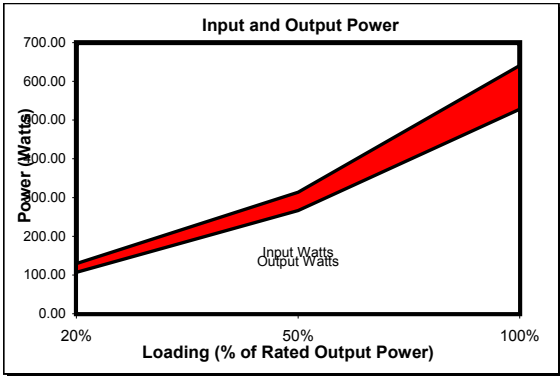
<b>Ecos ID #</b>	1878
<b>Manufacturer</b>	
<b>Model Number</b>	D501PS
<b>Serial Number</b>	
<b>Year</b>	2014
<b>Type</b>	ATX12V
<b>Test Date</b>	2014/5/20



Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	N/A	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>500</b>	<b>Watts</b>

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

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		
1.14	0.9822	12.82%	20%	Light	129.26	12.3/6.6	12.3/0.1	3.4/2.3	5.1/2.9	5/0.4	107.03	82.81%
2.74	0.9927	10.56%	50%	Typical	313.50	12.3/16.6	12.3/0.1	3.4/5.8	5.1/7.3	5/1	266.61	85.04%
5.59	0.9967	7.80%	100%	Full	641.00	12.2/33	12.4/0.3	3.3/11.6	5/14.5	5/1.9	528.31	82.42%



These tests were conducted as a part 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 computing technology applications.



Tested by Electric Power Research Institute, Knoxville, TN.