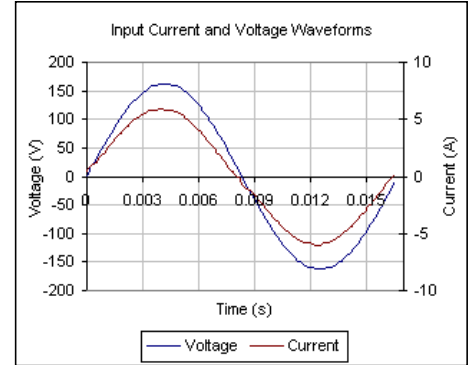


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	84.96%
AVERAGE EFFICIENCY :	83.07%
80 PLUS COMPLIANT:	YES



Ecos ID #	36
Manufacturer	Delta Electronics
Model Number	DPS-400
Serial Number	Pre-production sample
Year	2005
Type	ATX12V
Test Date	1/24/2006

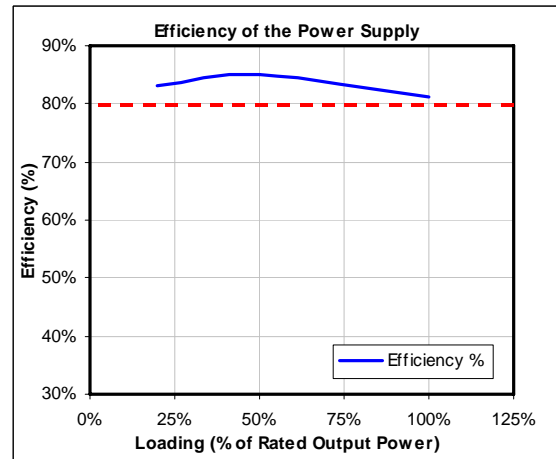
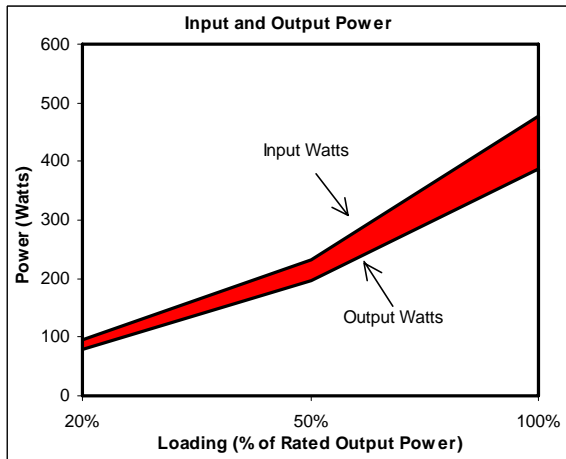


Input AC Current Waveform ($I_{THD} = 6.0\%$, 50% Load)

Rated Specifications	Value	Units
Input Voltage	90-135/ 180-265	Volts
Input Current	10/5	Amps
Input Frequency	60 - 50	Hz
Rated Output Power	400	Watts

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	-12V	3.3V	5V*	5VSB		
0.85	0.98	10.5%	20%	Light	96	11.9/2.3	11.9/2.4	12.0/0.05	3.2/2.6	5.0/2.4	5.1/0.5	80	83.15%
2.02	1.00	6.0%	50%	Typical	231	11.9/5.6	11.8/6.0	12.1/0.1	3.2/6.6	5.0/6.1	5.0/1.2	196	84.96%
4.14	1.00	4.9%	100%	Full	476	11.8/11.3	11.6/12.1	12.1/0.2	3.0/13.1	4.8/12.2	5.0/2.4	386	81.09%



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 small servers.



Tested by EPRI Solutions Inc., Knoxville, TN.