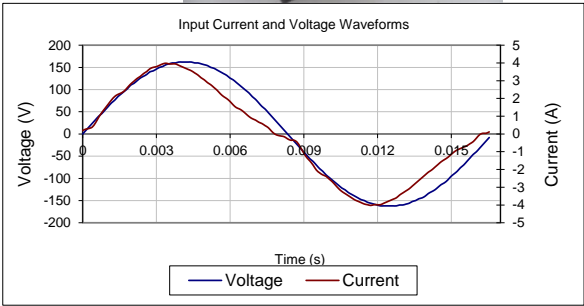


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	85.76%
AVERAGE EFFICIENCY :	84.60%
80 PLUS COMPLIANT:	YES



Ecos ID #	4588
Manufacturer	DELTA ELECTRONICS INC
Model Number	GPS-500EB D
Serial Number	XXXD161500001
Year	2016
Type	ATX12V
Test Date	4/28/16

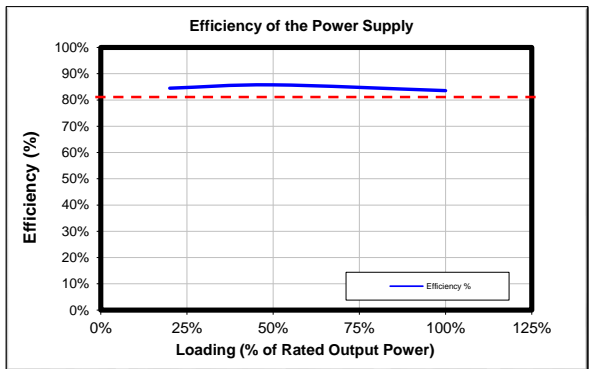
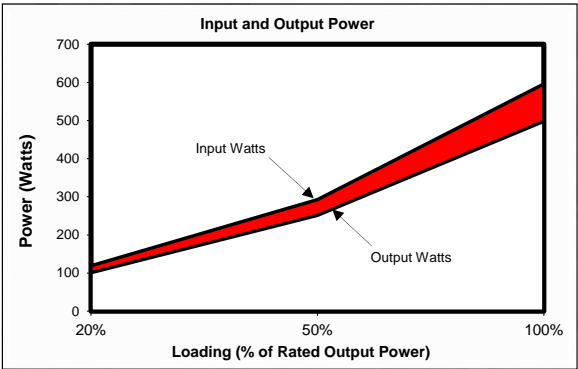


Input AC Current Waveform (ITHD = 13.01%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9-4.5	Amps
Input Frequency	47-63	Hz
Rated Output Power	500	Watts

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

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
					12V (cumulative of 12V1, 12V2, etc.)						
0.62	0.90	16.54%	10%	63.87	12.06/3.27	-12V	3.3V	5V	5Vsb	50.62	79.25%
1.07	0.97	14.45%	20%	119.41	12.05/6.54	11.99/0.08	3.33/2.27	5.12/2.26	5.08/0.39	100.88	84.48%
2.61	0.98	13.01%	50%	292.90	12/16.36	12.01/0.2	3.32/5.68	5.09/5.64	5.04/0.98	251.19	85.76%
5.25	0.99	11.33%	100%	595.90	11.94/32.66	12.05/0.39	3.29/11.33	5.04/11.27	4.97/1.96	497.92	83.56%



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/>

