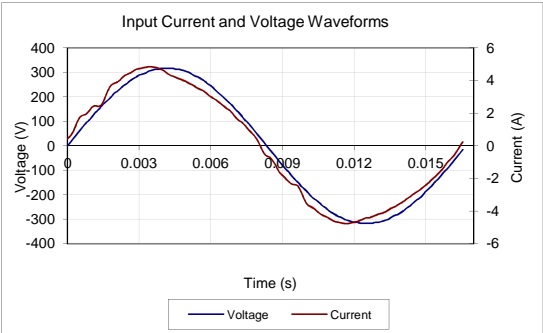


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	94.30%
AVERAGE EFFICIENCY :	93.19%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-580
Manufacturer	Delta Electronics, Inc.
Model Number	DPS-1600CB xx
Serial Number	XXXXXXXXX000001
Year	2013
Type	1U
Test Date	07/17/13



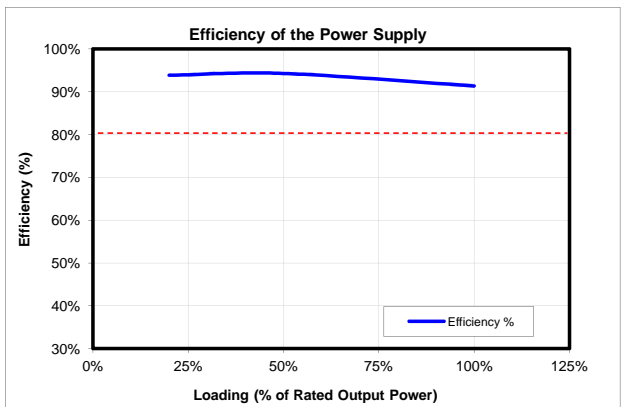
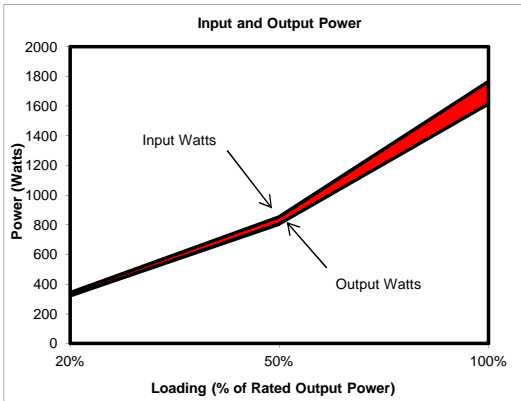
Input AC Current Waveform (ITHD = 6.65%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-127 / 200-240	Volts
Input Current	12.9 / 9.5	Amps
Input Frequency	47-63	Hz
Rated Output Power	1,600	Watts

Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency %
							12V	12Vsb		
0.85	0.93	5.14	10%	Low	183	1.44	12.03/13.11	11.97/0.2	160	87.73%
1.53	0.98	7.67	20%	Light	343	1.32	12.04/26.3	11.94/0.4	322	93.87%
3.74	0.99	6.65	50%	Typical	854	1.68	12.06/65.77	11.89/1	805	94.30%
7.70	1.00	4.82	100%	Full	1765	10.92	12.09/131.52	11.85/2	1613	91.39%

* Fan power is not included in the efficiency calculations



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>

