

80 PLUS Verification and Testing Report

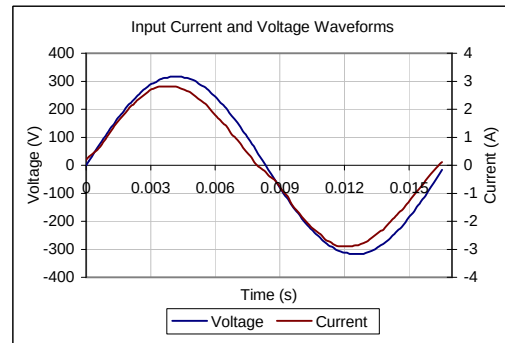
TYPICAL EFFICIENCY (50% Load):	89.94%
AVERAGE EFFICIENCY :	87.84%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-82
Manufacturer	DELTA ELECTRONICS, INC.
Model Number	DPS-400AB-5
Serial Number	XXXC0933000002
Year	2009
Type	1U
Test Date	10/3/2009

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-3	Amps
Input Frequency	47-63	Hz
Rated Output Power	400	Watts

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

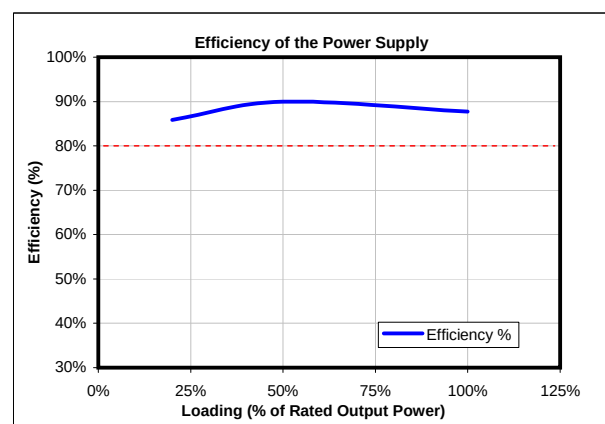
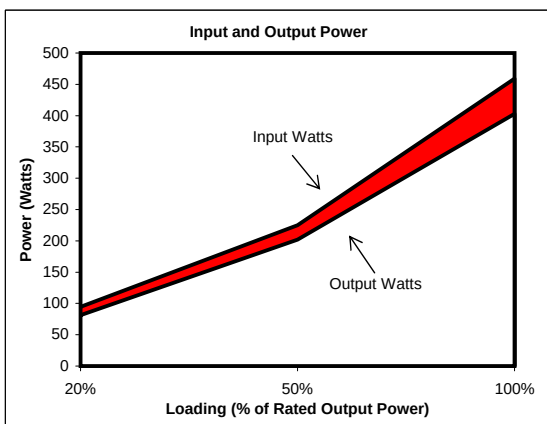


Input AC Current Waveform (ITHD = 5.54%, 100% Load)

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	5Vsb	0V		
0.25	0.91	17.95	*10%	Low	53	1.10	12.14/3.23	5.07/0.29	0/0	41	76.86%
0.43	0.96	16.00	20%	Light	94	1.22	12.14/6.44	5.05/0.58	0/0	81	85.83%
0.98	0.99	5.86	50%	Typical	225	4.03	12.11/16.08	5.03/1.46	0/0	202	89.94%
2.00	1.00	5.54	100%	Full	459	6.71	12.07/32.14	5.01/2.93	0/0	403	87.75%

* 10% load results are for informative purposes only and not included in certification requirements.

** 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/>

