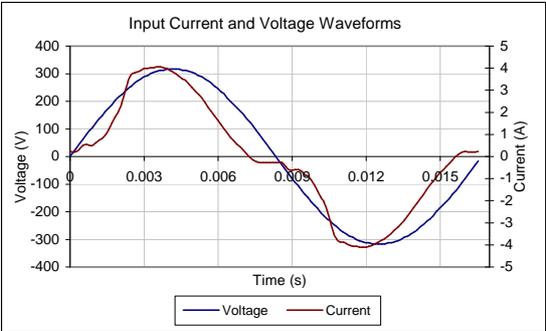


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>90.90%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>89.78%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	SO-228
<b>Manufacturer</b>	DELTA NETWORKS, INC.
<b>Model Number</b>	DPST-1000DB A
<b>Serial Number</b>	HD3102600010WD
<b>Year</b>	2011
<b>Type</b>	CUSTOM
<b>Test Date</b>	1/7/2011



Input AC Current Waveform (ITHD = 27.1%, 50% Load)

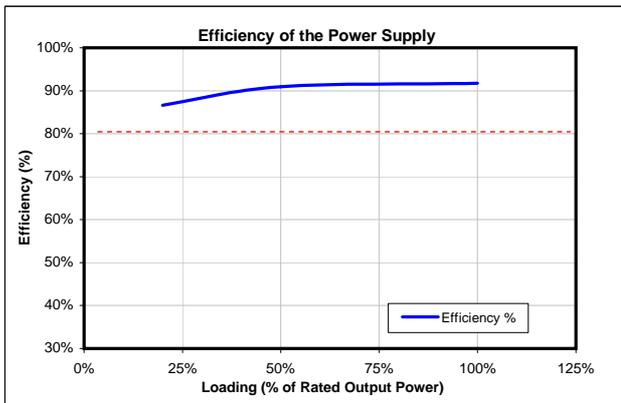
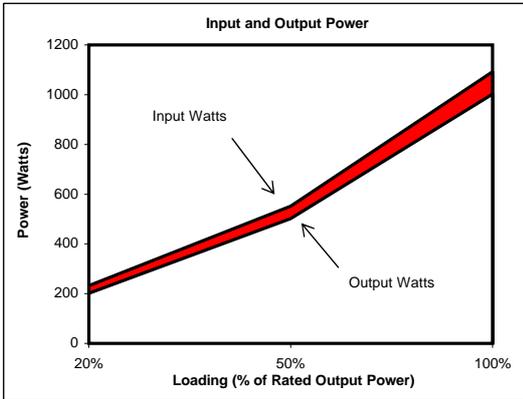
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12	Amps
Input Frequency	47-63	Hz
<b>Rated Output Power</b>	<b>1,000</b>	<b>Watts</b>

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

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)**	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency %
							54V			
0.69	0.89	29.30	*10%	Low	141	13.68	54.1/1.85		100	71.15%
1.08	0.94	21.76	20%	Light	232	13.68	54.09/3.71		201	86.65%
2.52	0.95	27.10	50%	Typical	552	13.68	54.07/9.27		501	90.90%
4.85	0.98	17.88	100%	Full	1092	13.68	54.03/18.55		1002	91.79%

\* 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<sup>®</sup> 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/>

