

80 PLUS Verification and Testing Report

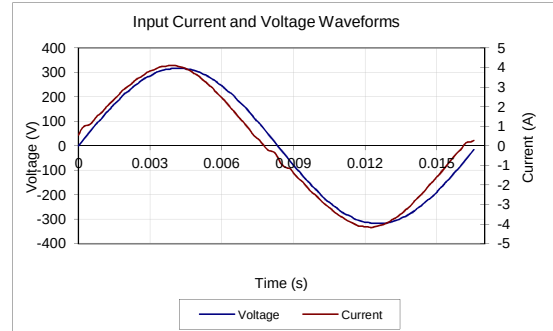
TYPICAL EFFICIENCY (50% Load):	92.41%
AVERAGE EFFICIENCY :	91.01%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-785.1
Manufacturer	Delta Electronics, Inc.
Model Number	TDPS-1200BB A
Serial Number	CCBT1421002055
Year	2014
Type	1U
Test Date	07/11/14

Rated Specifications	Value	Units
Input Voltage	100-120 / 200-240	Volts
Input Current	15/8	Amps
Input Frequency	50/60	Hz
Rated Output Power	1,200	Watts

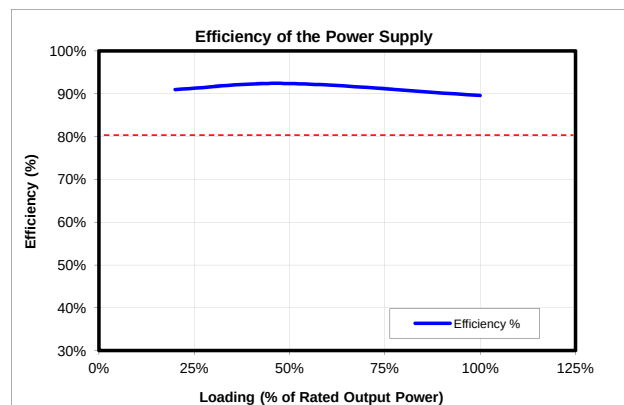
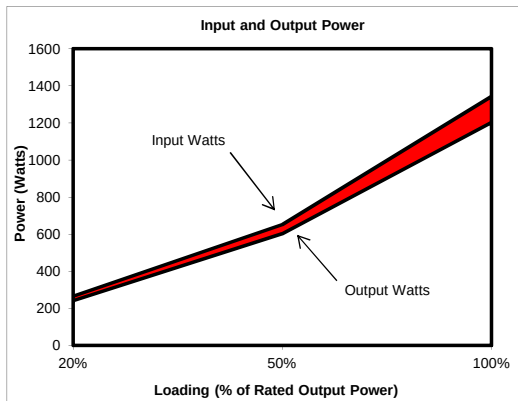
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 5.933%, 50% 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	5V	5Vsb		
0.76	0.82	13.06	10%	Low	143	12.58	12.04/8.37	5.02/3.73	5/0.28	121	84.32%
1.23	0.94	8.04	20%	Light	265	12.58	12.03/16.72	5.02/7.46	5/0.55	241	91.01%
2.87	0.99	5.93	50%	Typical	652	12.34	12.02/41.77	5.01/18.63	4.99/1.39	602	92.41%
5.90	0.99	12.55	100%	Full	1342	12.63	11.99/83.61	4.99/37.28	4.97/2.78	1202	89.60%

* 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/>

