

80 PLUS Verification and Testing Report

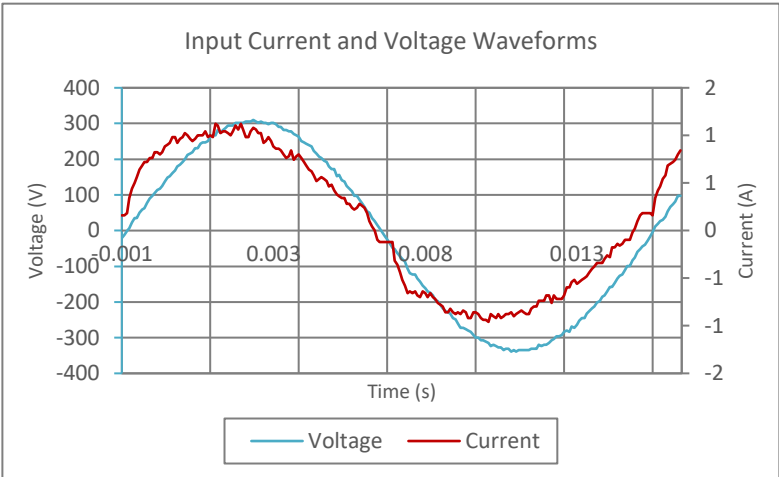
TYPICAL EFFICIENCY (50% Load):	92.23%
AVERAGE EFFICIENCY :	90.82%
80 PLUS COMPLIANT:	YES



ID Number	SO-1462
Manufacturer	DELTA ELECTRONICS INC
Model Number	DPS-300AB-102
Serial Number	XXXD883-00FE
Year	2018
Type	1U
Test Date	10/22/18

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

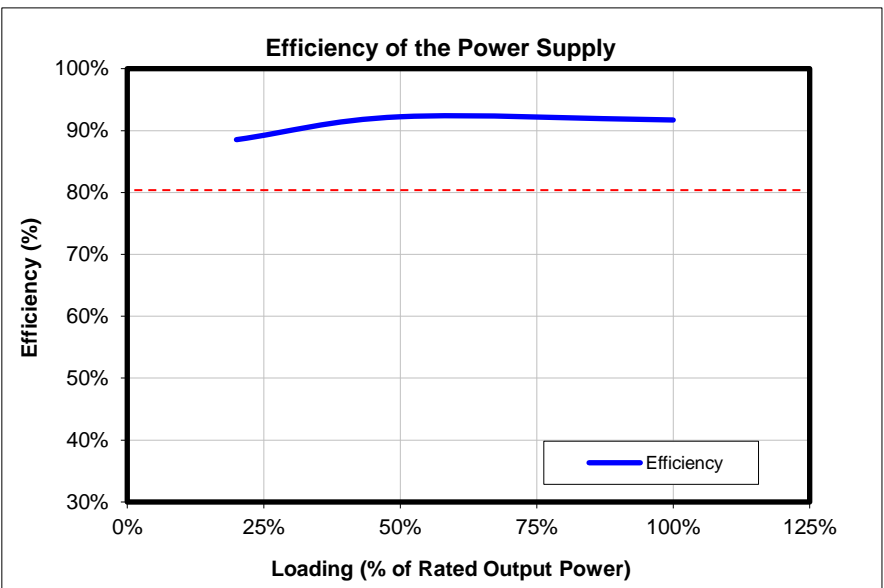
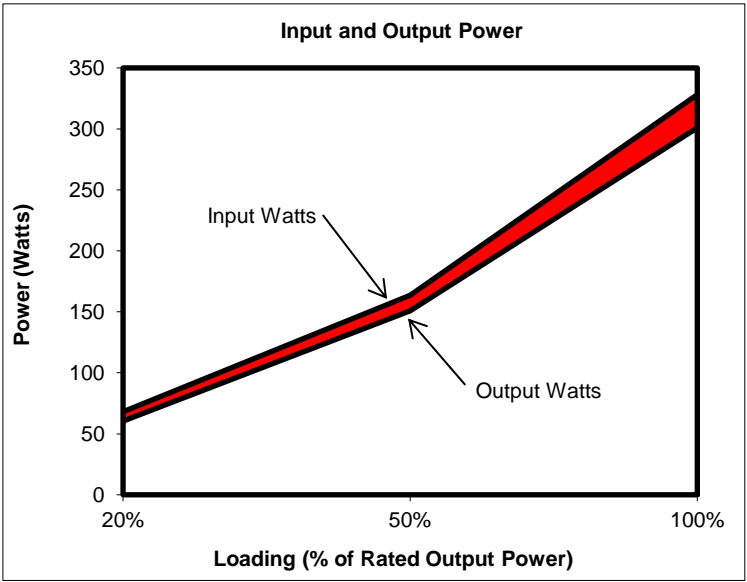
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 9.67%, 50% Load)

I_{RMS}	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		
0.24	0.68	18.43%	10%	Low	37	0.72	12.05/2.36	12.15/0.15	30	82.18%
0.35	0.85	18.32%	20%	Light	68	0.07	12.04/4.72	12.11/0.3	60	88.53%
0.74	0.97	9.67%	50%	Typical	164	0.84	12.03/11.79	12.02/0.76	151	92.23%
1.44	0.99	3.32%	100%	Full	328	1.92	12.01/23.58	11.99/1.48	301	91.71%

* 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/>

