

80 PLUS Verification and Testing Report

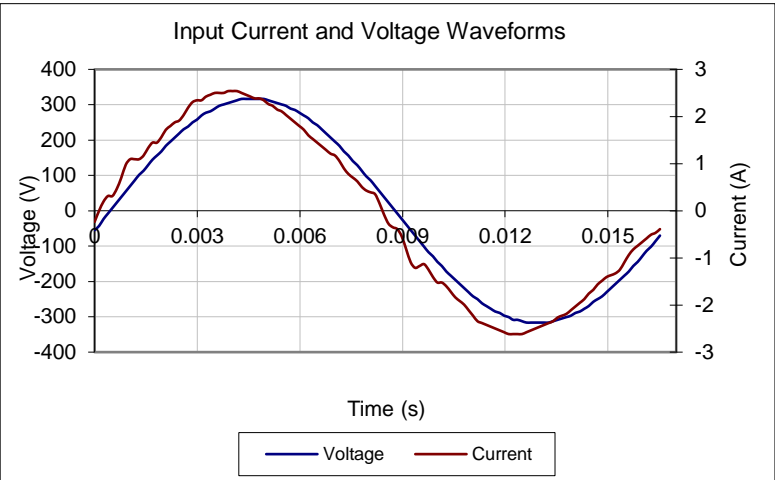
TYPICAL EFFICIENCY (50% Load):	94.30%
AVERAGE EFFICIENCY :	93.23%
80 PLUS COMPLIANT:	YES



ID Number	SO-1230
Manufacturer	Delta
Model Number	DPS-850AB-4 x
Serial Number	ICRD1645000079
Year	2017
Type	1U
Test Date	01/27/17

Rated Specifications	Value	Units
Input Voltage	100-127/200-240	Volts
Input Current	10/5	Amps
Input Frequency	47-63	Hz
Rated Output Power	850	Watts

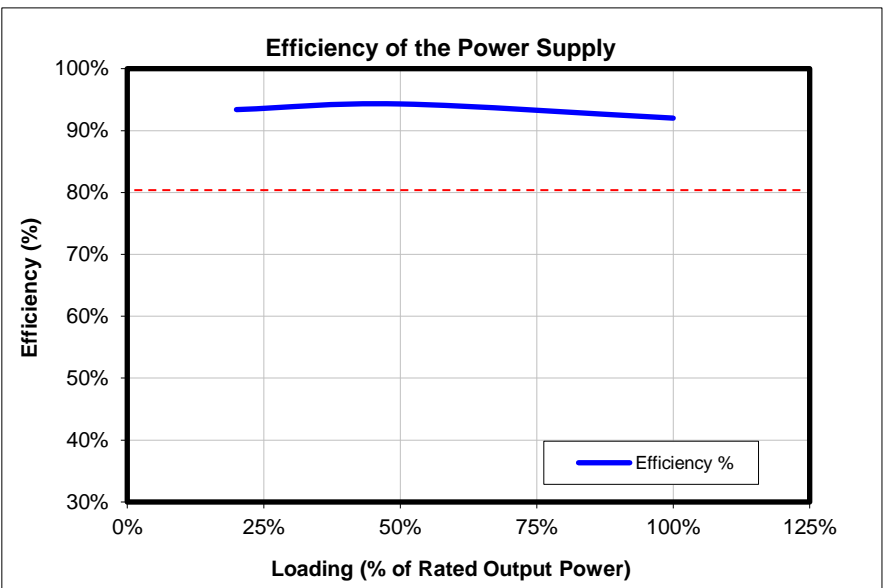
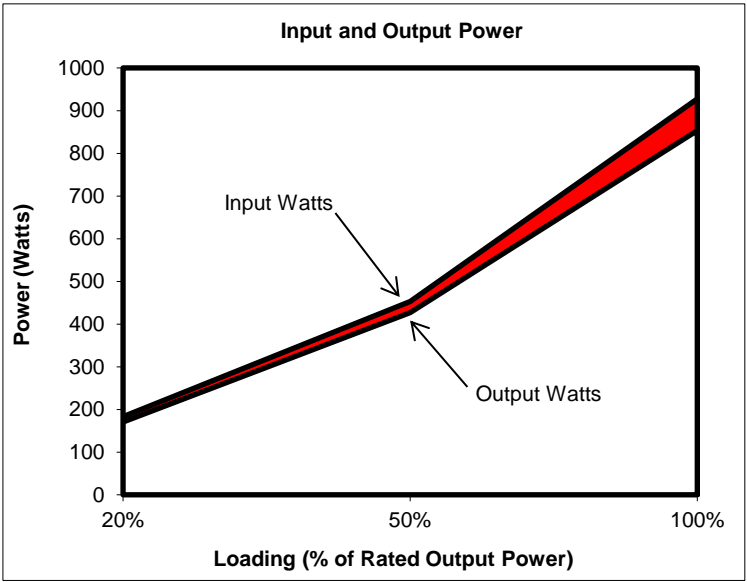
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 5.42%, 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	12Vsb		
0.45	0.92	8.45	10%	Low	95	0.96	12.02/6.9	12.01/0.2	85	90.32%
0.82	0.97	5.67	20%	Light	183	0.84	12.02/13.8	11.97/0.41	171	93.38%
1.99	0.99	5.42	50%	Typical	453	1.32	12.02/34.48	11.9/1.03	427	94.30%
4.04	1.00	2.94	100%	Full	928	3.84	12.02/68.96	11.81/2.05	853	92.01%

* 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/>

