

80 PLUS Verification and Testing Report

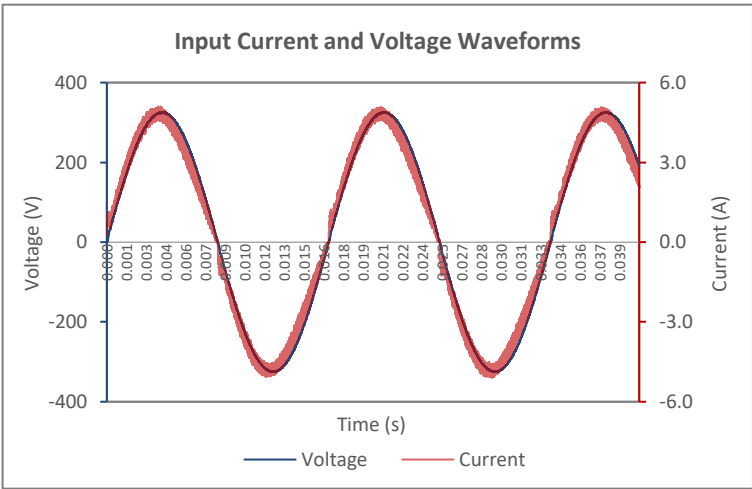
TYPICAL EFFICIENCY (50% Load):	94.74%
AVERAGE EFFICIENCY :	93.93%
80 PLUS COMPLIANT:	Platinum



ID Number	SO-2271.1
Manufacturer	Delta Electronics, Inc.
Model Number	DPS-1400AB-3 C
Serial Number	DCI2317A013
Year	2023
Type	1U
Test Date	05/15/23

Rated Specifications	Value	Units
Input Voltage	100-127/200-240	Volts
Input Current	12/9	Amps
Input Frequency	47-63	Hz
Rated Output Power	1,400	Watts

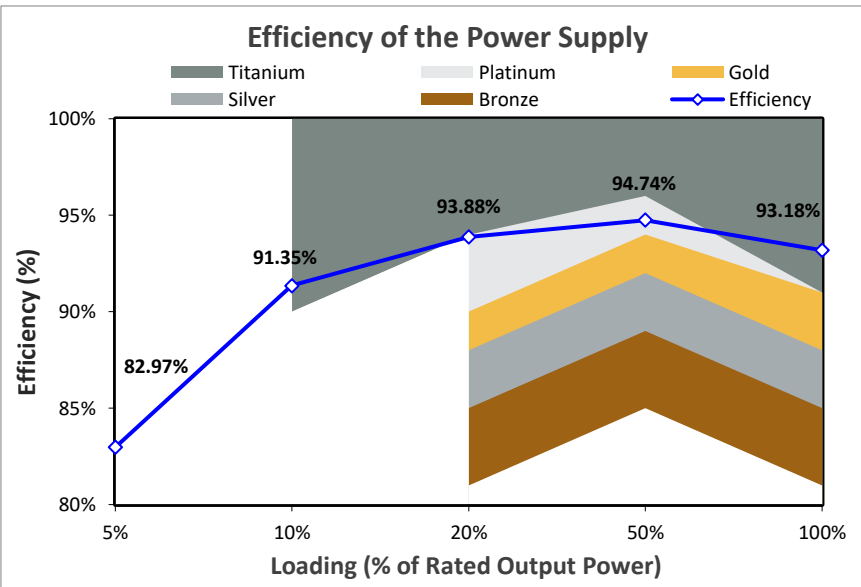
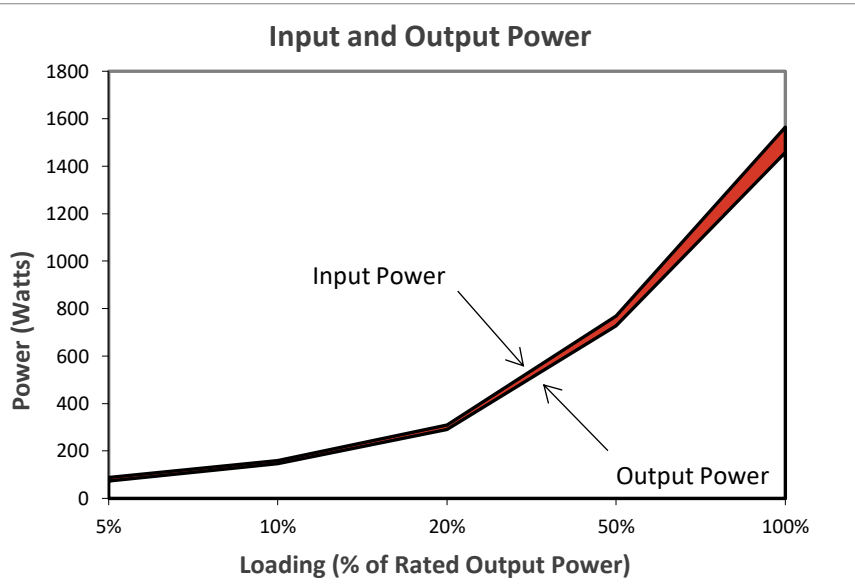
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.3%, 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		
0.254	0.0575	6.904	0%	No-Load	3.36	1.94	No-Load			
0.475	0.8029	9.310	5%	Minimum	87.65	1.88	12.02/5.9	12.13/0.15	72.73	82.97%
0.755	0.9172	7.487	10%	Low	159.23	1.86	12.02/11.81	12.1/0.29	145.46	91.35%
1.384	0.9731	6.456	20%	Light	309.76	1.84	12.02/23.6	12.07/0.59	290.79	93.88%
3.359	0.9945	3.295	50%	Typical	768.37	1.85	12.04/59.02	12/1.46	727.96	94.74%
6.820	0.9975	3.138	100%	Full	1564.63	13.57	12.05/118.08	11.9/2.93	1457.94	93.18%

* 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/>