

80 PLUS Verification and Testing Report

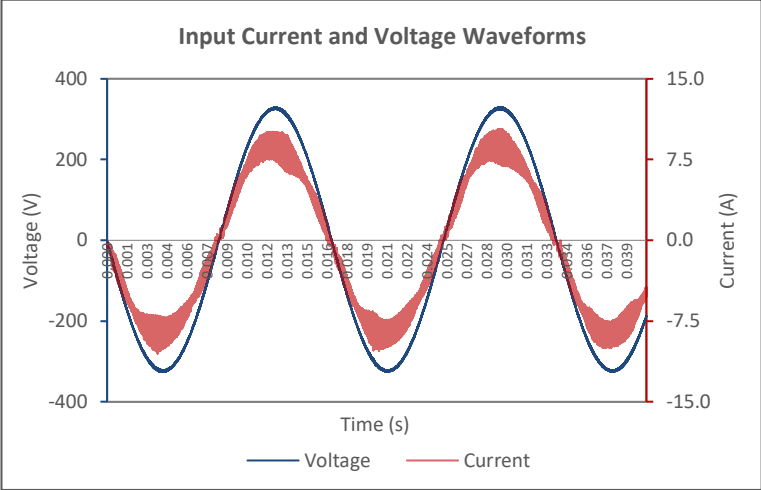
TYPICAL EFFICIENCY (50% Load):	96.18%
AVERAGE EFFICIENCY :	95.15%
80 PLUS COMPLIANT:	Titanium



ID Number	SO-2492.3
Manufacturer	Delta Electronics, Inc.
Model Number	DLG2700BM12C31
Serial Number	DGPLT24260003
Type	1U
Test Date	07/29/24

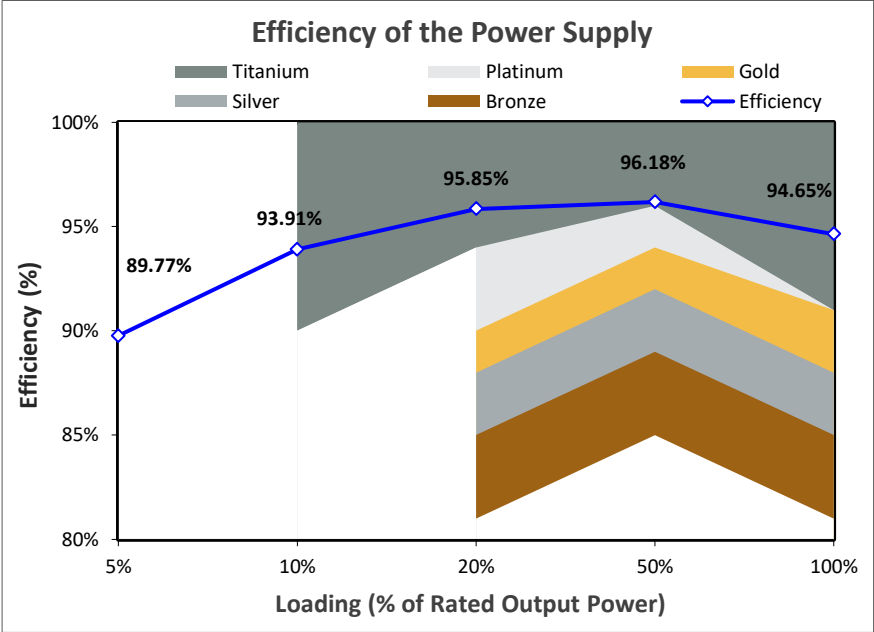
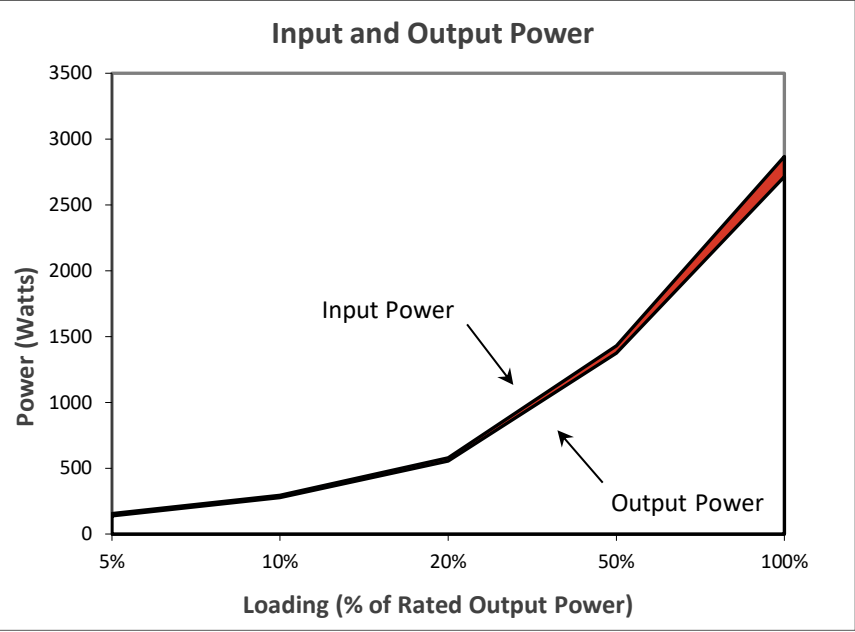
Rated Specifications	Value	Units
Input Voltage	100-127/200-240	Volts
Input Current	16/16	Amps
Input Frequency	50/60	Hz
Rated Output Power	2,700	Watts

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



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		
0.259	0.2256	18.241	0%	No-Load	13.43	3.90	No-Load			
0.804	0.8345	10.743	5%	Minimum	154.38	3.87	12.36/11.07	12.32/0.15	138.59	89.77%
1.377	0.9330	8.774	10%	Low	295.46	3.99	12.34/22.19	12.31/0.3	277.45	93.91%
2.569	0.9776	8.048	20%	Light	577.68	3.90	12.31/44.39	12.27/0.59	553.72	95.85%
6.259	0.9929	2.469	50%	Typical	1429.25	3.99	12.22/111.02	12.17/1.48	1374.67	96.18%
12.561	0.9927	2.662	100%	Full	2868.17	27.74	12.06/222.06	12.01/2.96	2714.60	94.65%

* Fan power is not included in the efficiency calculations, external fan voltage applied = 12.02Vdc



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/>