80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	95.54%
AVERAGE EFFICIENCY :	94.49%
80 PLUS COMPLIANT:	Platinum



ID Number	SO-2435.1
Manufacturer	Delta Electronics, Inc.
Model Number	DLG2000BM12F00
Serial Number	DGPN82415000B
Туре	1U
Test Date	05/15/24

Rated Specifications	Value	Units			
Input Voltage	100-127/200-220/220-240	Volts			
Input Current	12/10/10	Amps			
Input Frequency	50/60	Hz			
Rated Output Power	2,000	Watts			
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.					



Input AC Current Waveform (ITHD = 2.54%, 50% Load)

I _{RMS}	PF	I _{THD (%)}	Load	Fraction	Input	External	DC Terminal Voltage (V)/ DC Load Current (A)		Output	Efficiency
				of Load	Watts	Fan (W)*	12V	12Vsb	Watts	Efficiency
0.332	0.1207	7.343	0%	No-Load	9.21	2.93	No-Load			
0.611	0.8153	5.104	5%	Minimum	114.66	2.93	12.35/8.19	12.09/0.15	102.99	89.82%
1.039	0.9194	10.872	10%	Low	219.61	2.93	12.33/16.36	12.08/0.3	205.35	93.51%
1.919	0.9739	6.124	20%	Light	429.78	2.93	12.3/32.71	12.06/0.6	409.55	95.29%
4.641	0.9972	2.539	50%	Typical	1064.37	2.93	12.2/81.85	12.01/1.5	1016.86	95.54%
9.330	0.9989	2.600	100%	Full	2143.97	17.40	12.04/163.7	11.91/2.99	2006.87	93.61%

* 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/