80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	96.36%
AVERAGE EFFICIENCY :	95.38%
80 PLUS COMPLIANT:	Titanium

ID Number	SO-2232
Manufacturer	Compuware Technology Inc.
Model Number	CDR-3022-3M1
Serial Number	P3K1BCM49AB0173
Year	2023
Туре	2U
Test Date	04/07/23

Rated Specifications	Value	Units
Input Voltage	200-207/207.1-240	Volts
Input Current	16-15.7/16-14.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	3,000	Watts



Input Current and Voltage Waveforms					
400	15.0				
	- 10.0				
Σ	5.0 E				
0 111 112 112 112 112 112 112 112 112 11	Irrent 0.0 -				
-200	-5.0 ^ರ				
	- 10.0				
-400	-15.0				
Time (s)					

Input AC Current Waveform (ITHD = 3.44%, 50% Load)

- Current

Voltage

I _{RMS}	DE	I _{THD (%)}	Load	Fraction Input		External DC Terminal Voltage (V)/ DC Load Current (A)			Output	Efficiency
	FF			of Load	Watts	Fan (W)*	12V	12Vsb	Watts	Efficiency
1.556	0.9242	8.829	10%	Low	330.78	4.76	12.13/24.69	12.11/0.3	303.02	91.61%
2.827	0.9727	7.350	20%	Light	632.47	5.12	12.13/49.41	12.09/0.59	606.40	95.88%
6.882	0.9933	3.436	50%	Typical	1571.87	27.92	12.12/123.5	12.05/1.48	1514.62	96.36%
14.069	0.9969	2.180	100%	Full	3226.75	105.82	12.12/247.03	12.01/2.96	3030.32	93.91%

* 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/