

80 PLUS Verification and Testing Report

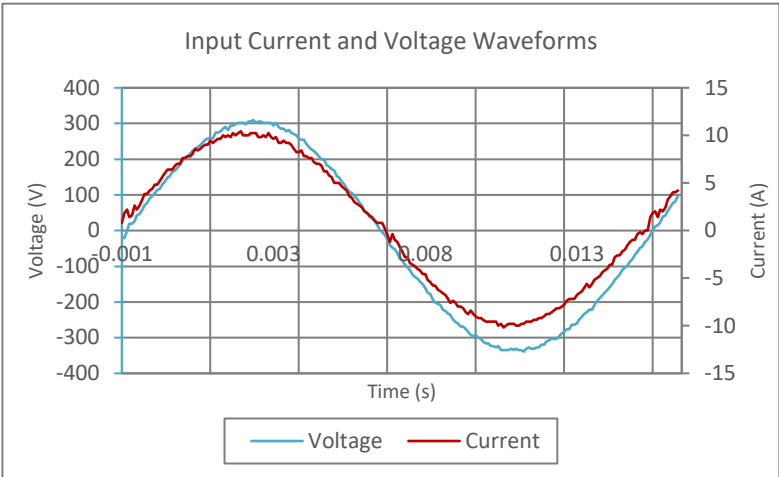
TYPICAL EFFICIENCY (50% Load):	96.22%
AVERAGE EFFICIENCY :	95.01%
80 PLUS COMPLIANT:	YES



ID Number	SO-1877
Manufacturer	Compuware Technology Inc.
Model Number	CDR-3021-5M1
Serial Number	N/A
Year	2021
Type	1U
Test Date	04/14/21

Rated Specifications	Value	Units
Input Voltage	200-207/208-240	Volts
Input Current	16-15.5/16-14	Amps
Input Frequency	50-60	Hz
Rated Output Power	3,000	Watts

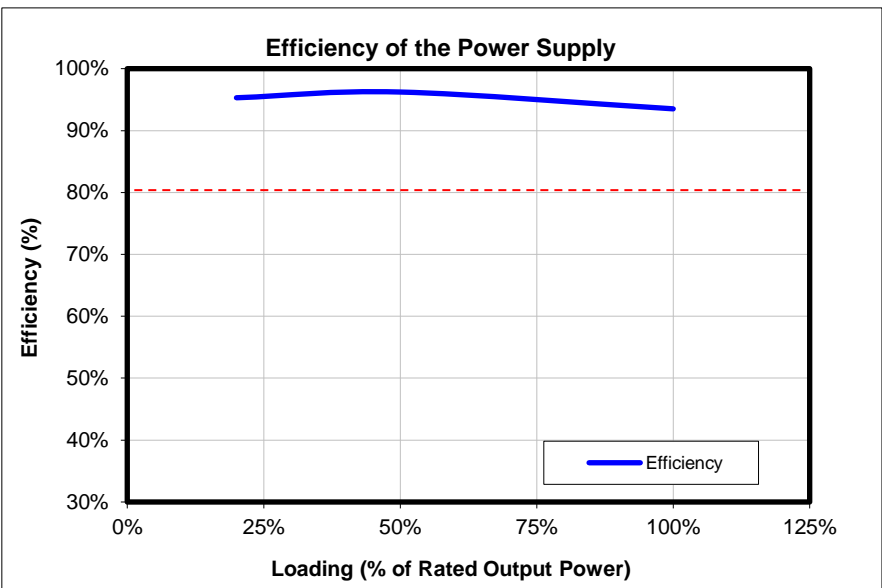
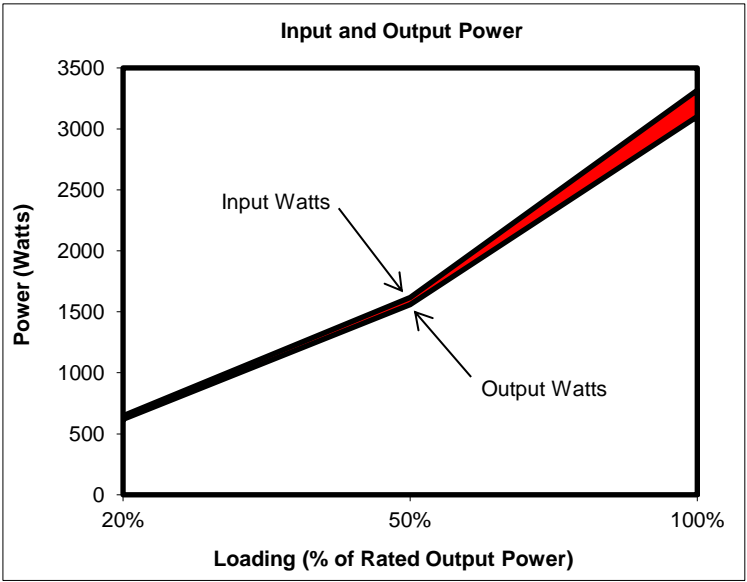
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 2.26%, 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		
1.52	0.94	8.89%	10%	Low	330	1.20	12.35/24.72	12.25/0.35	310	93.88%
2.87	0.98	6.57%	20%	Light	649	1.20	12.33/49.43	12.22/0.69	618	95.30%
7.06	1.00	2.26%	50%	Typical	1619	17.16	12.44/123.55	12.17/1.73	1558	96.22%
14.44	1.00	1.60%	100%	Full	3317	32.28	12.39/247.06	12.02/3.47	3102	93.51%

* 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/>