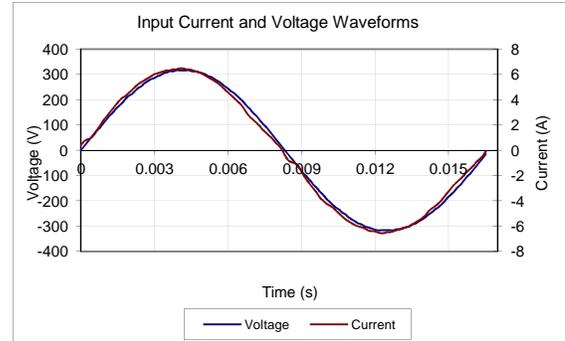


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	94.55%
AVERAGE EFFICIENCY :	93.32%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-789
Manufacturer	Compuware Technology Inc.
Model Number	CPR-2021-2M1
Serial Number	N/A
Year	2014
Type	1U
Test Date	08/21/14



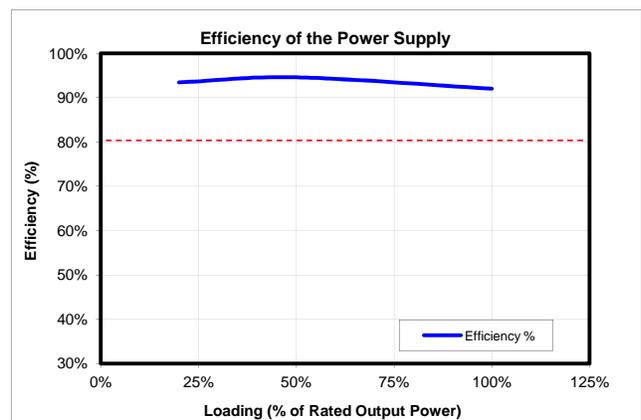
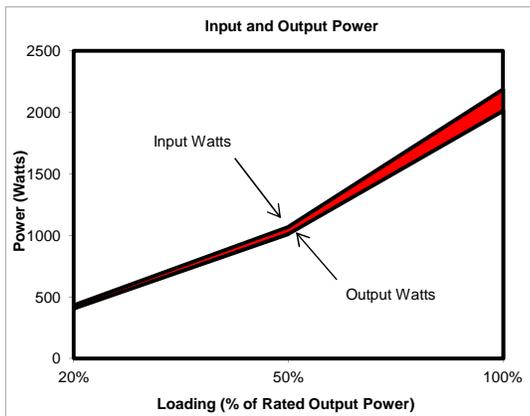
Input AC Current Waveform (ITHD = 3.33%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-120 / 200-240	Volts
Input Current	12.5 - 9.8	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.

I _{RMS} A	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		
1.01	0.95	10.84	10%	Low	221	0.84	12.14/16.33	11.94/0.34	202	91.46%
1.92	0.98	8.61	20%	Light	434	1.44	12.14/32.7	11.9/0.68	405	93.40%
4.66	1.00	3.33	50%	Typical	1070	2.28	12.12/81.78	11.8/1.71	1012	94.55%
9.52	1.00	2.33	100%	Full	2189	12.60	12.08/163.48	11.69/3.42	2014	92.02%

* 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/>

