

80 PLUS Verification and Testing Report

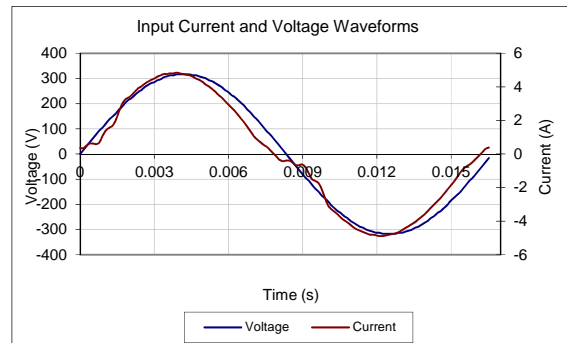
TYPICAL EFFICIENCY (50% Load):	92.95%
AVERAGE EFFICIENCY :	91.93%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-843.2
Manufacturer	Artesyn Embedded Technologies
Model Number	700-013146-2000
Serial Number	K624WW0001XXZ
Year	2014
Type	OTHER 39.4mm High
Test Date	10/30/14

Rated Specifications	Value	Units
Input Voltage	100-120 / 200-240	Volts
Input Current	13.7 / 10.0	Amps
Input Frequency	50/60	Hz
Rated Output Power	1,400	Watts

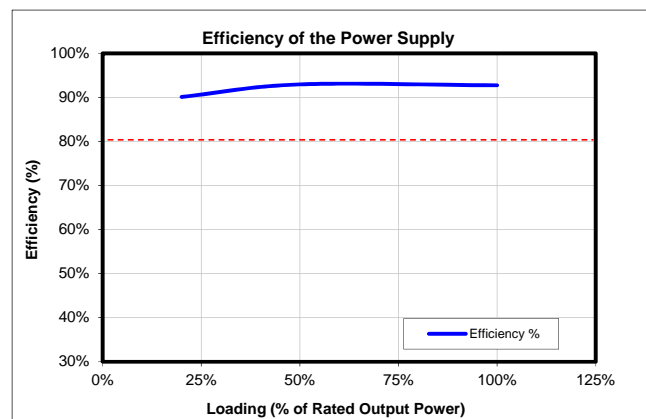
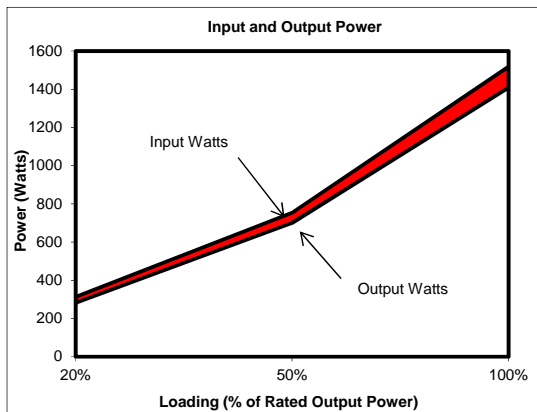
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 12.93%, 50% Load)

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 %
							56V	3.3Vsb		
0.78	0.91	20.84	10%	Low	163	0.73	56.17/2.46	3.35/0.49	140	85.51%
1.42	0.96	20.03	20%	Light	313	0.73	56.02/4.97	3.33/0.99	282	90.11%
3.32	0.99	12.93	50%	Typical	753	1.35	55.98/12.37	3.28/2.47	700	92.95%
6.62	1.00	6.79	100%	Full	1519	4.75	56.03/24.85	3.2/4.94	1408	92.74%

* 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/>

