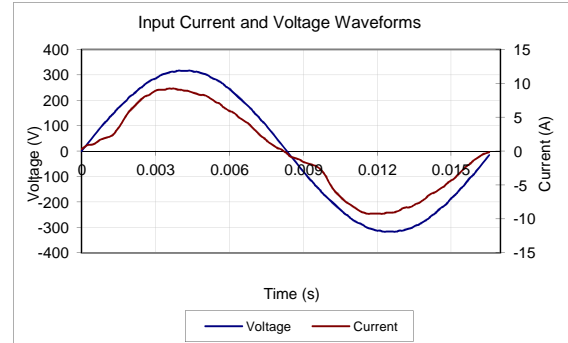


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	94.45%
AVERAGE EFFICIENCY :	93.53%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-802
Manufacturer	Artesyn Embedded Technologies
Model Number	DS3000PE-3-403
Serial Number	N/A
Year	2014
Type	2U
Test Date	07/24/14



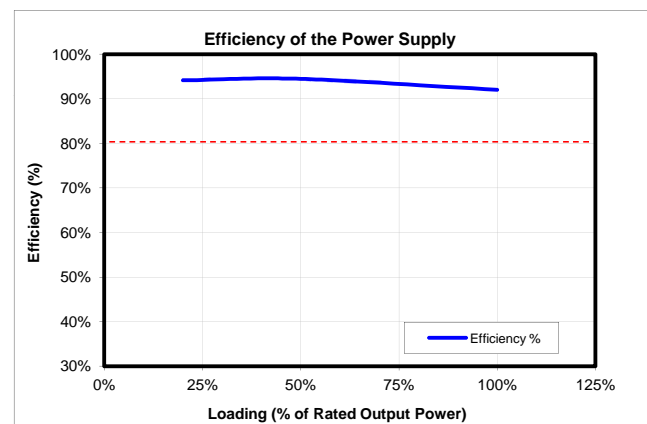
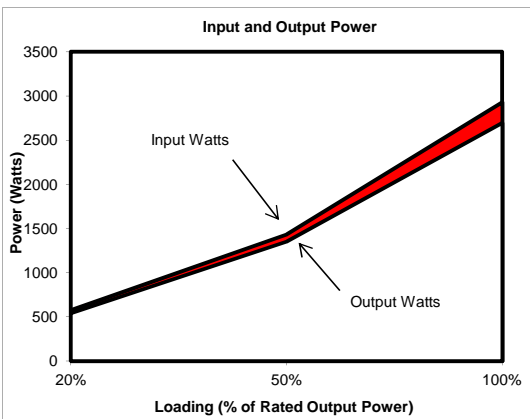
Input AC Current Waveform (ITHD = 11.903%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-120 / 200-240	Volts
Input Current	16	Amps
Input Frequency	50/60	Hz
Rated Output Power	2,700	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 %
							12.25V	12V		
1.34	0.96	23.99	10%	Low	296	1.68	12.28/21.65	12.26/0.44	271	91.63%
2.53	0.99	11.94	20%	Light	576	3.36	12.27/43.3	12.23/0.88	542	94.13%
6.28	0.99	11.90	50%	Typical	1433	8.52	12.25/108.28	12.16/2.2	1353	94.45%
12.81	0.99	10.14	100%	Full	2930	16.56	12.21/216.42	12.04/4.39	2696	92.01%

* 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/>

