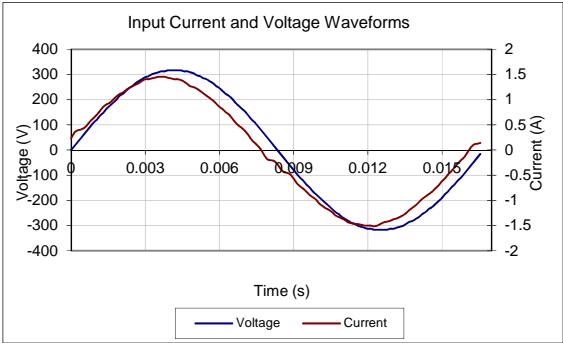


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	94.18%
AVERAGE EFFICIENCY :	93.26%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-1018
Manufacturer	Artesyn Embedded Tehnologies
Model Number	DS495SPE-3
Serial Number	L817QQ000GAEP
Year	2015
Type	1U
Test Date	12/03/15



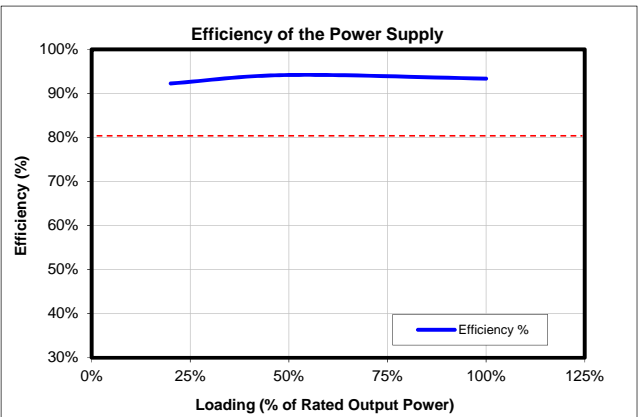
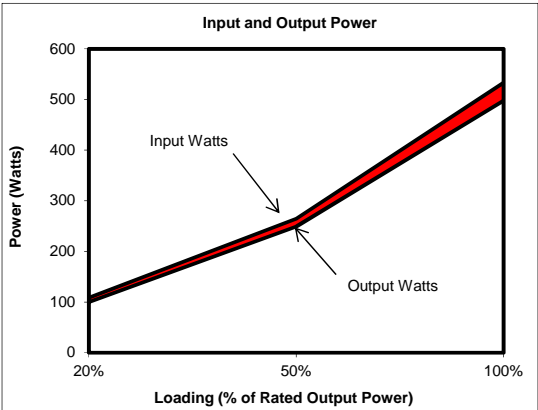
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6.6	Amps
Input Frequency	50/60	Hz
Rated Output Power	495	Watts

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

Input AC Current Waveform (ITHD = 3.26%, 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 %
							12V	12Vsb		
0.29	0.88	6.49	10%	Low	58	0.97	12.08/3.84	12.06/0.28	50	86.30%
0.49	0.96	4.89	20%	Light	108	1.09	12.07/7.72	12.05/0.56	100	92.26%
1.16	0.99	3.26	50%	Typical	265	1.09	12.06/19.27	12.03/1.4	249	94.18%
2.33	1.00	1.75	100%	Full	533	1.21	12.04/38.55	11.99/2.8	498	93.35%

* 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/>

