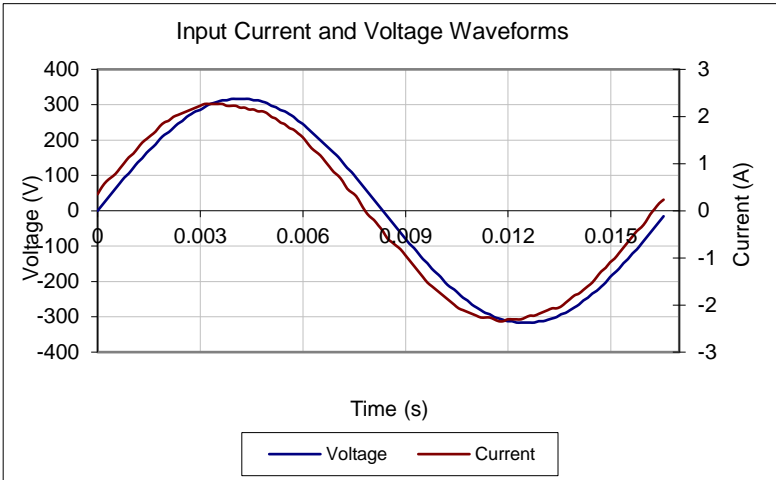


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>94.38%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>93.41%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	SO-1204
<b>Manufacturer</b>	Artesyn Embedded Technologies
<b>Model Number</b>	CSU800AP-3
<b>Serial Number</b>	M069SA001DBCL
<b>Year</b>	2016
<b>Type</b>	1U
<b>Test Date</b>	12/13/16



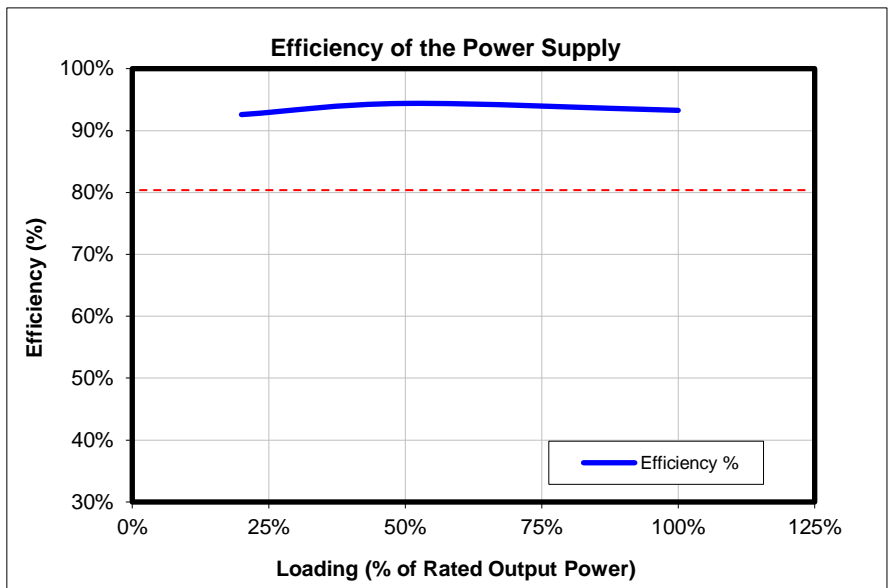
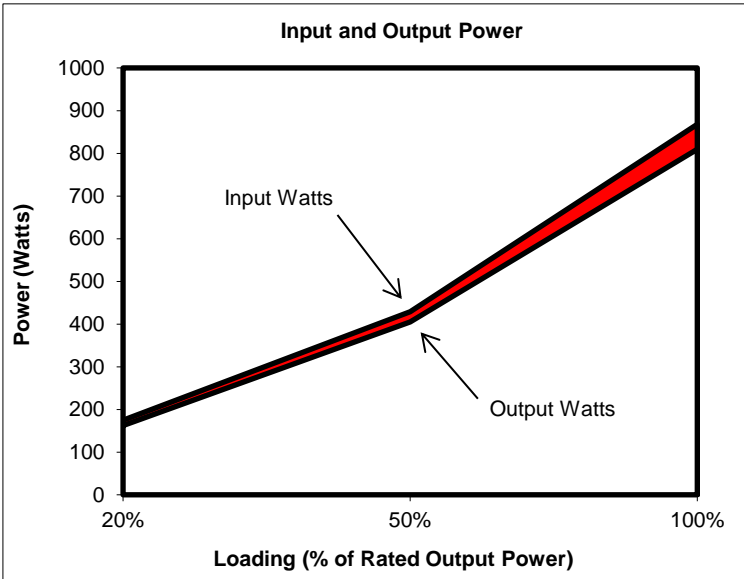
Input AC Current Waveform (ITHD = 1.81%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>800</b>	<b>Watts</b>

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

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency %
							12V	12Vsb		
0.46	0.87	15.99	10%	Low	91	5.88	12.11/6.4	12.04/0.29	81	88.68%
0.79	0.96	8.97	20%	Light	175	5.88	12.11/12.82	12.04/0.58	162	92.58%
1.88	0.99	1.81	50%	Typical	429	5.88	12.11/32	12.02/1.44	405	94.38%
3.78	1.00	1.59	100%	Full	868	5.88	12.11/64.02	11.98/2.88	810	93.26%

\* 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/>

