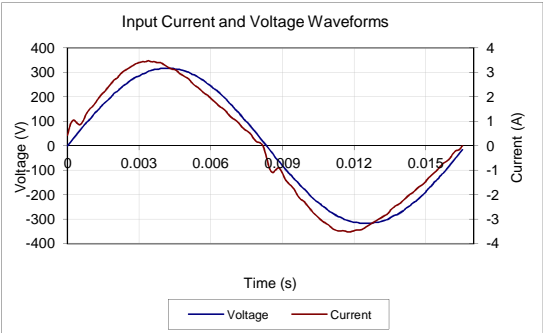


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>94.30%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>93.13%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	SO-662.1
<b>Manufacturer</b>	Artesyn Embedded Technologies
<b>Model Number</b>	DS1100PED-3-A
<b>Serial Number</b>	N/A
<b>Year</b>	2014
<b>Type</b>	1U
<b>Test Date</b>	01/30/14



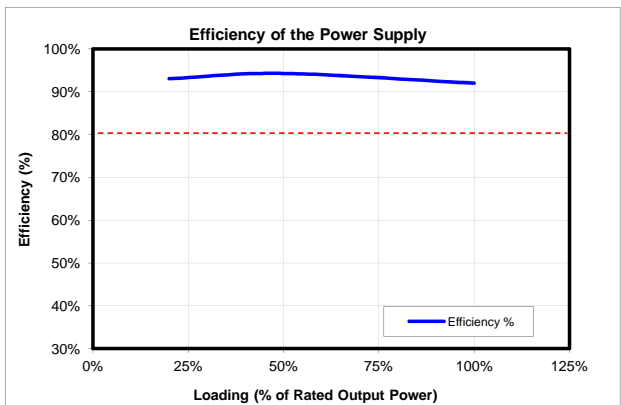
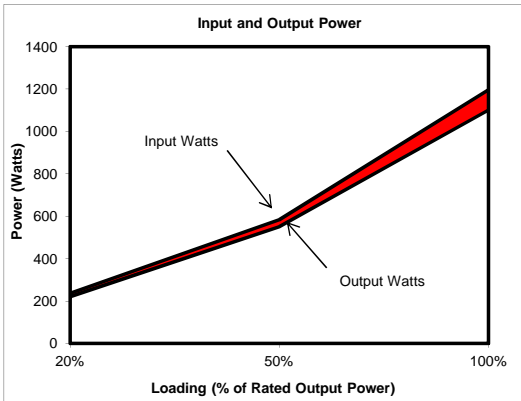
Input AC Current Waveform (ITHD = 7.36%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	6.5	Amps
Input Frequency	50/60	Hz
<b>Rated Output Power</b>	<b>1,100</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		
0.62	0.87	20.06	10%	Low	123	0.72	12/8.91	11.98/0.29	110	89.54%
1.10	0.94	8.96	20%	Light	237	0.72	12/17.81	11.97/0.59	221	93.07%
2.58	0.98	7.36	50%	Typical	584	0.72	12/44.45	11.93/1.46	551	94.30%
5.24	0.99	6.01	100%	Full	1196	1.92	11.99/88.93	11.85/2.92	1101	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<sup>®</sup> 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/>

