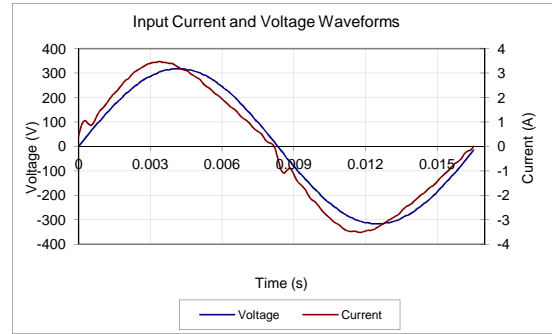


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	94.30%
AVERAGE EFFICIENCY :	93.13%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-662
Manufacturer	Artesyn Embedded Technologies
Model Number	DS1100PED-3
Serial Number	N/A
Year	2014
Type	1U
Test Date	01/30/14

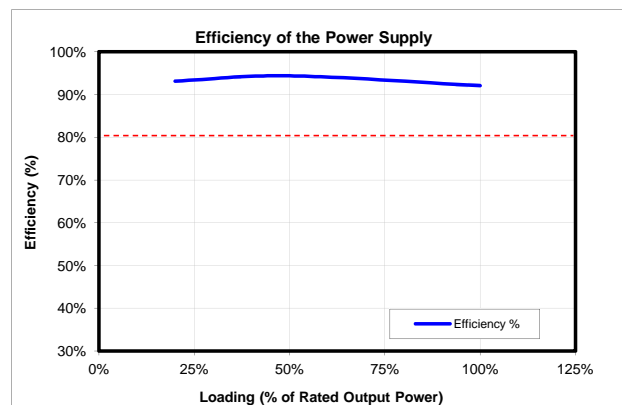
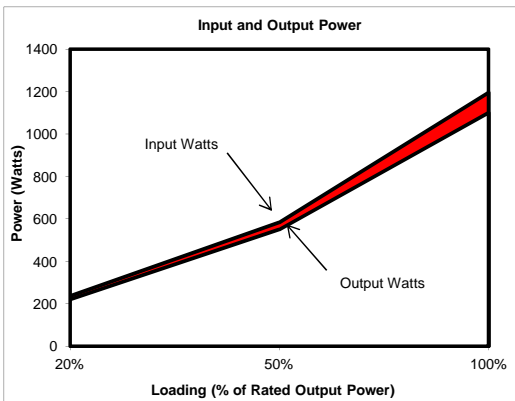


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12	Amps
Input Frequency	50/60	Hz
Rated Output Power	1,100	Watts

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 %
							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[®] 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/>

