

80 PLUS Verification and Testing Report

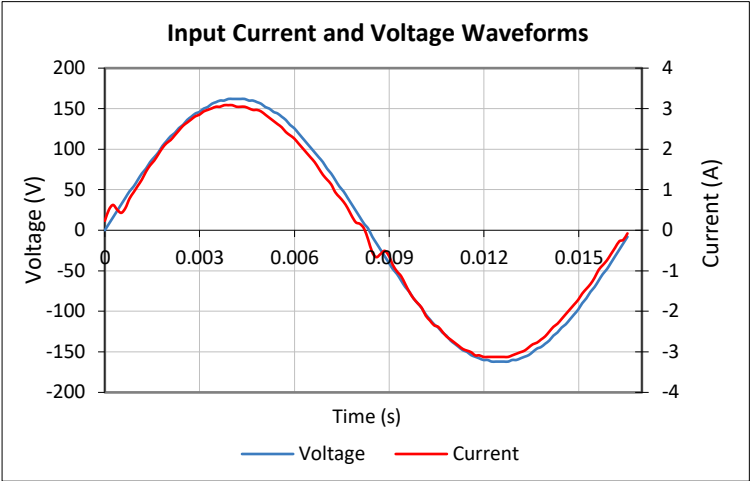
TYPICAL EFFICIENCY (50% Load):	91.45%
AVERAGE EFFICIENCY :	88.39%
80 PLUS COMPLIANT:	Silver



ID Number	ISO-023
Manufacturer	Artesyn Embedded Technologies
Model Number	ADN20-24-1PM-C
Serial Number	G758JX002W0AP
Year	2014
Type	DIN Mount
Test Date	01/31/14

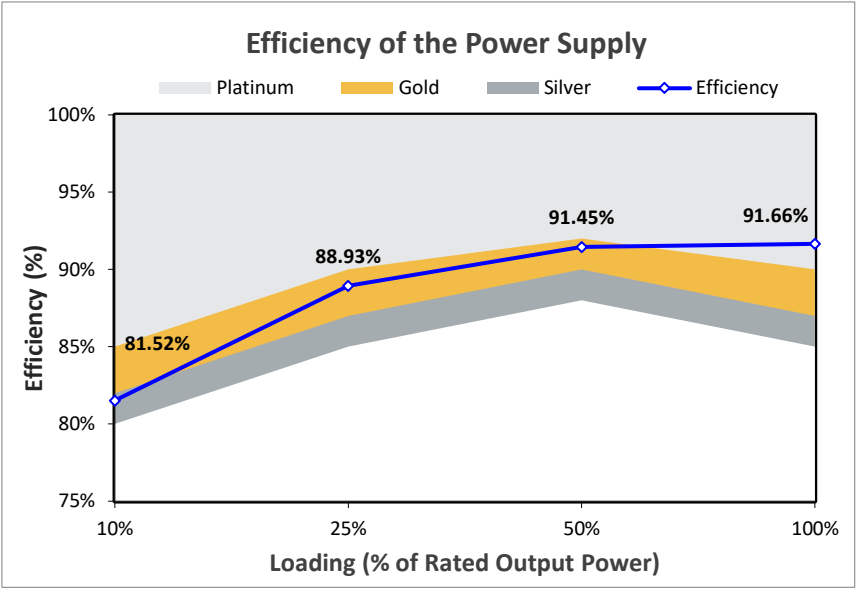
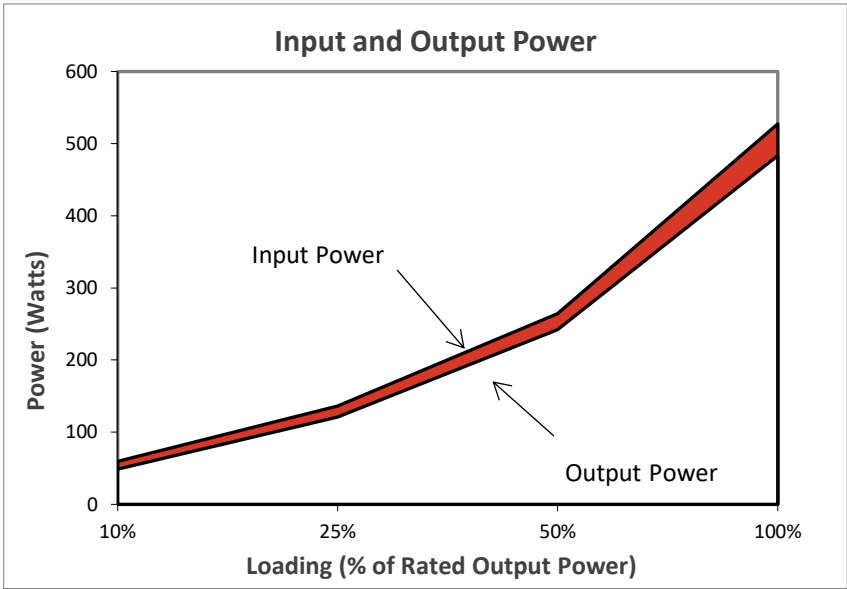
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5.6	Amps
Input Frequency	50/60	Hz
Rated Output Power	480	Watts

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 4.06%, 50% Load)

I _{RMS}	PF	I _{THD}	Load	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Efficiency
						24V		
0.622	0.8309	7.63%	10%	Low	59.51	24.05/2.02	48.51	81.52%
1.233	0.9588	7.31%	25%	Light	136.02	24.04/5.03	120.96	88.93%
2.326	0.9886	4.06%	50%	Typical	264.50	24.04/10.06	241.89	91.45%
4.605	0.9956	2.74%	100%	Full	527.40	24.04/20.11	483.39	91.66%



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/>