80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	**95.67%**
AVERAGE EFFICIENCY :	**95.13%**
80 PLUS COMPLIANT:	**Platinum**

ID Number	SO-2206
Manufacturer	Artesyn Embedded Technologies
Model Number	700-016223
Serial Number	476856Z+2248D0000W
Year	2023
Type	1U
Test Date	01/11/23

Rated Specifications	Value	Units
Input Voltage	100-127/200-240	Volts
Input Current	12/12	Amps
Input Frequency	50/60	Hz
Rated Output Power	2,060	Watts

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

Input Current and Voltage Waveforms
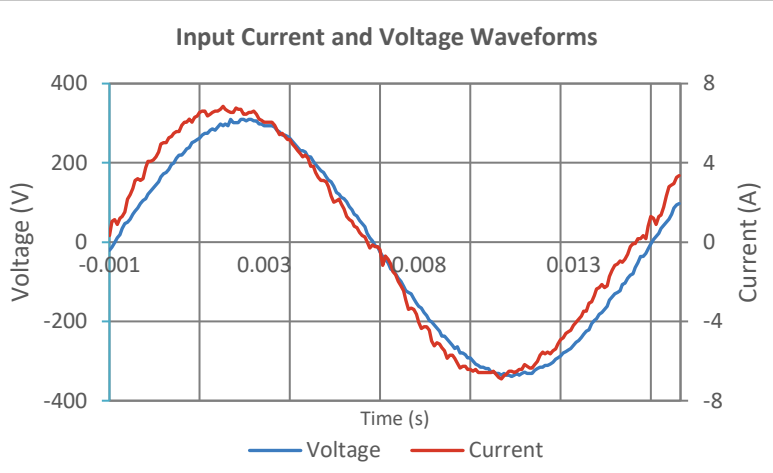
Input AC Current Waveform (ITHD = 4.536%, 50% Load)

I_{RMS}	PF	I_{THD}	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A) 12.3V	3.3Vsb	Output Watts	Efficiency
1.014	0.9556	7.91%	10%	Low	222.96	0.55	12.37/16.54	3.35/1	207.82	93.21%
1.919	0.9853	3.31%	20%	Light	434.92	5.46	12.35/32.99	3.33/2.01	414.21	95.24%
4.756	0.9887	4.54%	50%	Typical	1081.69	6.39	12.32/82.63	3.34/5.02	1034.81	95.67%
9.504	0.9986	2.76%	100%	Full	2183.17	34.64	12.26/165.42	3.38/10.04	2062.72	94.48%

* Fan power is not included in the efficiency calculations

Input and Output Power

Efficiency of the Power Supply
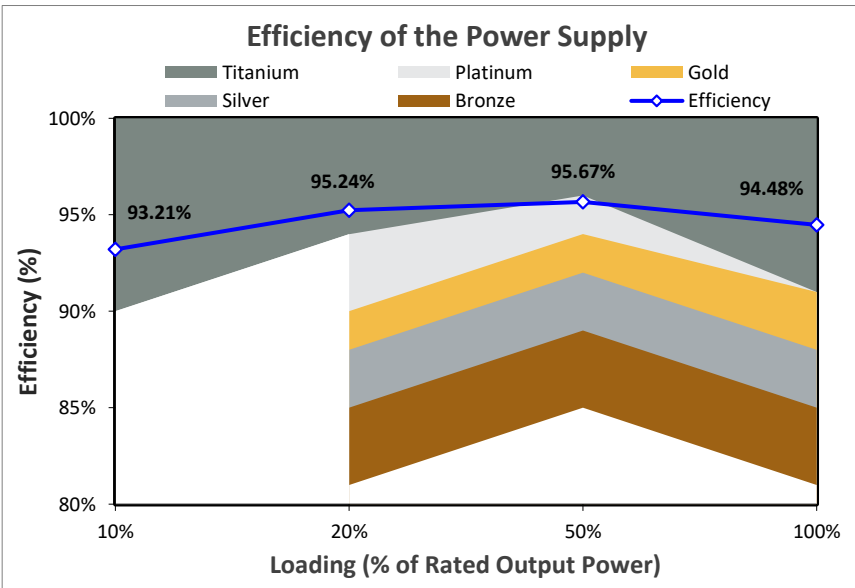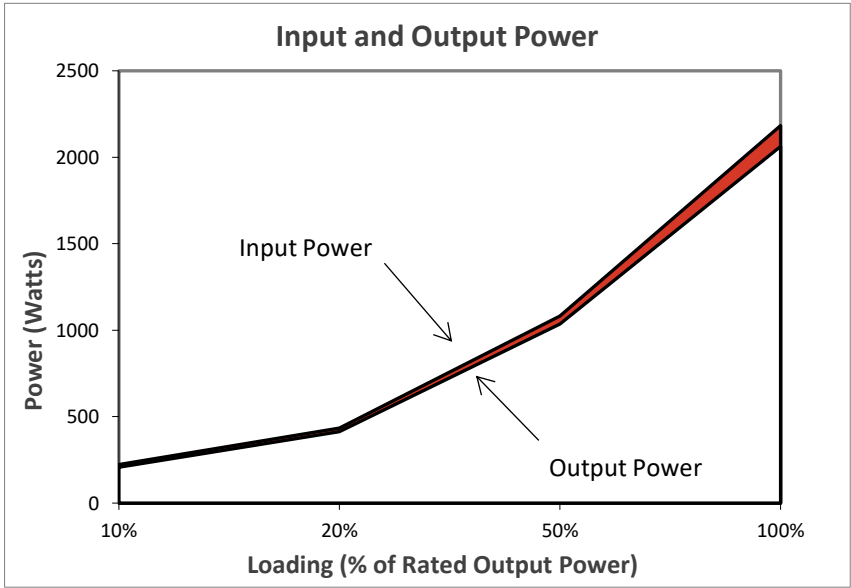
These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS® Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. http://www.80plus.org/