80 PLUS Verification and Testing Report


TYPICAL EFFICIENCY (50% Load):	94.40%
AVERAGE EFFICIENCY :	93.45%
80 PLUS COMPLIANT:	Platinum

ID Number	SO-2111.3
Manufacturer	Cisco Systems, Inc.
Model Number	700-015837-0300
Serial Number	ART2633B00F
Year	2022
Type	1U
Test Date	09/13/22

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4-2	Amps
Input Frequency	50-60	Hz
Rated Output Power	350	Watts

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

Input Current and Voltage Waveforms
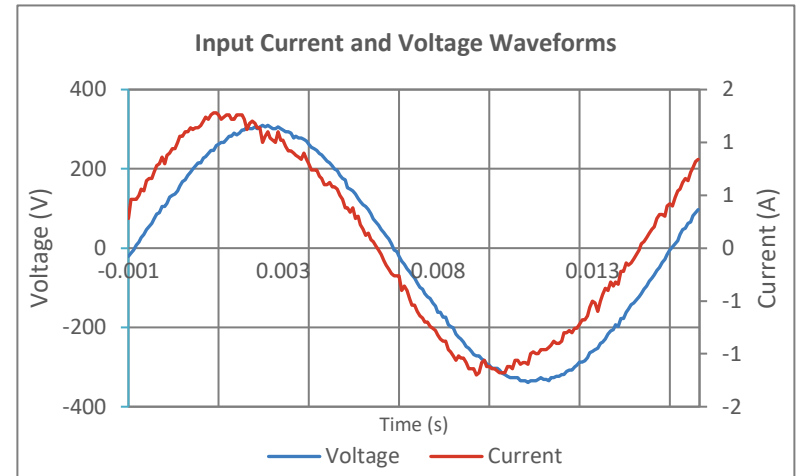
Input AC Current Waveform (ITHD = 2.384%, 50% Load)

I_{RMS}	PF	I_{THD}	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A) -56V	Output Watts	Efficiency
0.286	0.6087	13.34%	10%	Low	40.05	6.99	56.14/0.63	35.29	88.11%
0.411	0.8099	13.28%	20%	Light	76.63	6.97	56.12/1.25	70.40	91.87%
0.849	0.9536	2.38%	50%	Typical	186.18	6.93	56.07/3.13	175.75	94.40%
1.648	0.9845	1.98%	100%	Full	373.11	6.93	55.99/6.27	351.06	94.09%

* Fan power is not included in the efficiency calculations

Input and Output Power

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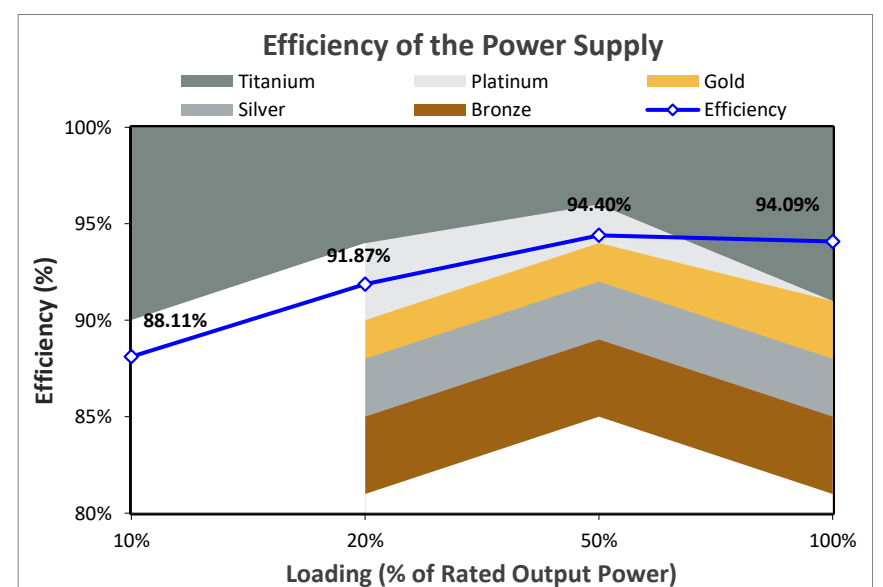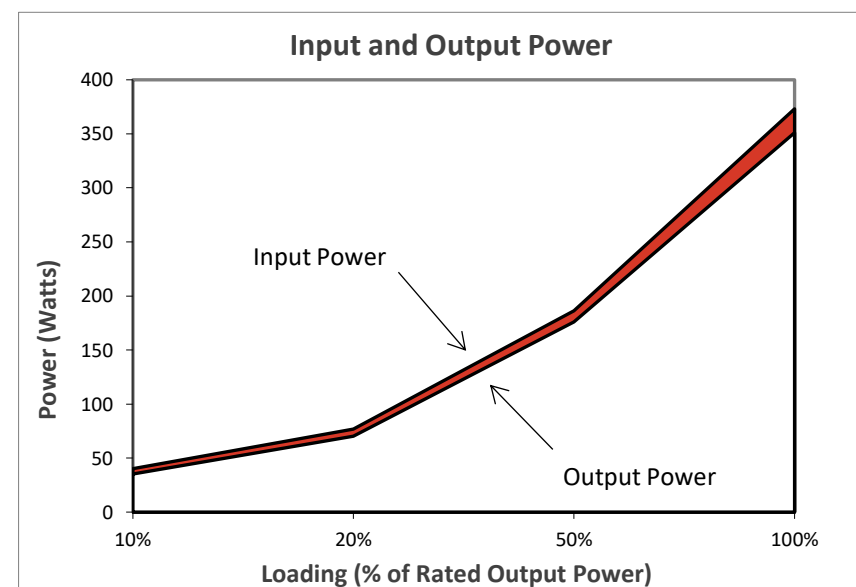
These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS® Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. http://www.80plus.org/