

80 PLUS Verification and Testing Report

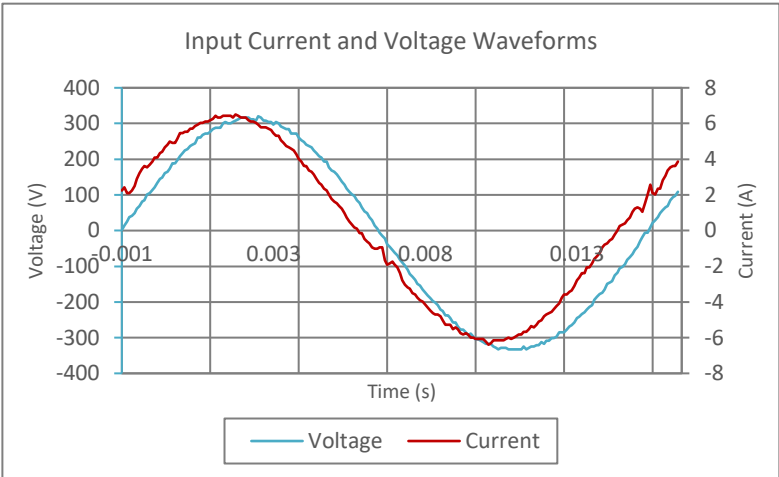
TYPICAL EFFICIENCY (50% Load):	95.58%
AVERAGE EFFICIENCY :	94.74%
80 PLUS COMPLIANT:	YES



ID Number	SO-1741.2
Manufacturer	Cisco Systems, Inc.
Model Number	PA-1192-1SA
Serial Number	LIT2416323Q
Year	2020
Type	1U
Test Date	07/08/20

Rated Specifications	Value	Units
Input Voltage	115-127/200-240	Volts
Input Current	16/12	Amps
Input Frequency	50-60	Hz
Rated Output Power	1,900	Watts

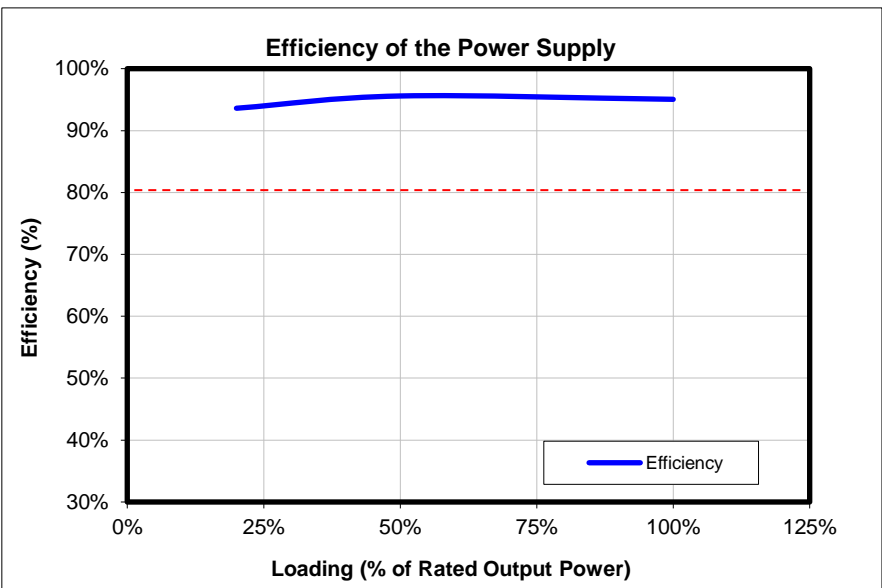
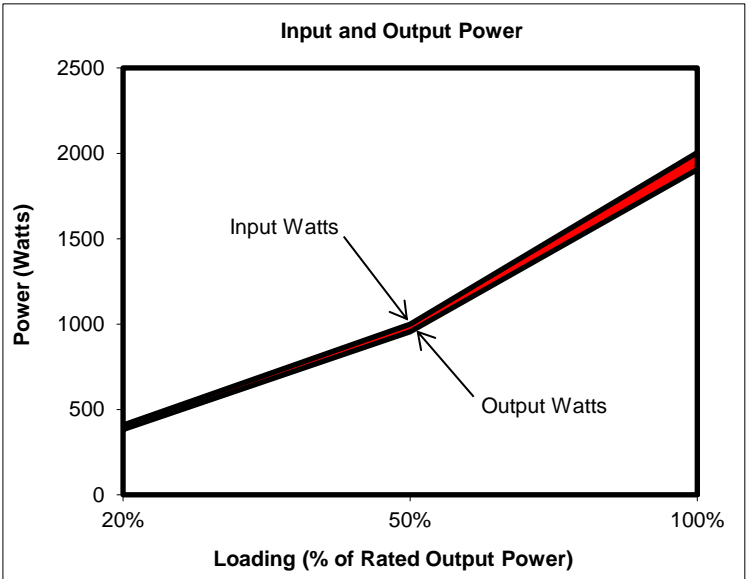
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 4%, 50% Load)

I _{RMS}	PF	I _{THD}	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Efficiency
							-56V		
1.04	0.92	8.72%	10%	Low	219	4.32	56.24/3.4	191	87.31%
1.82	0.97	5.99%	20%	Light	409	4.32	56.23/6.8	382	93.60%
4.40	0.99	4.00%	50%	Typical	1000	4.20	56.2/17	955	95.58%
8.75	1.00	2.60%	100%	Full	2004	7.80	56.03/34	1905	95.05%

* 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/>