

# 80 PLUS Verification and Testing Report

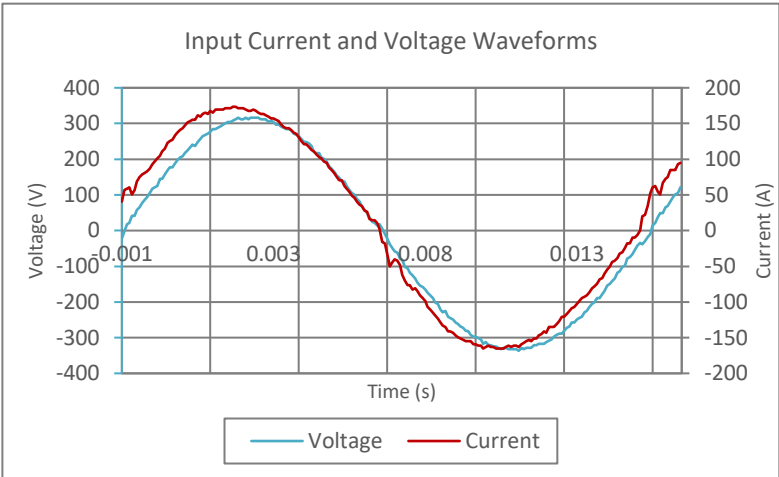
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>94.28%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>93.20%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	SO-1620
<b>Manufacturer</b>	Juniper Networks ,Inc
<b>Model Number</b>	DCJ51001-01
<b>Serial Number</b>	1F239390046
<b>Year</b>	2019
<b>Type</b>	CUSTOM
<b>Test Date</b>	11/05/19

Rated Specifications	Value	Units
Input Voltage	200-277	Volts
Input Current	30	Amps
Input Frequency	47-63	Hz
Rated Output Power	5,100	Watts

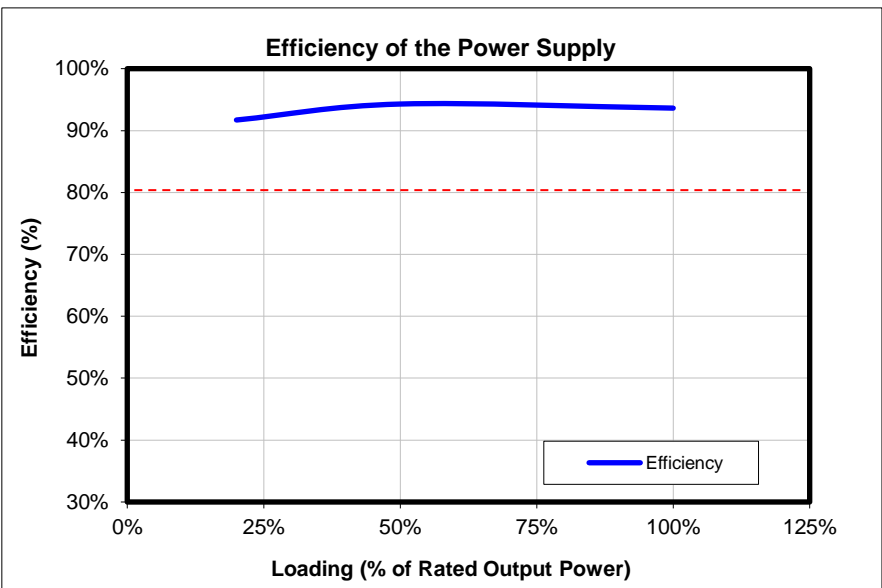
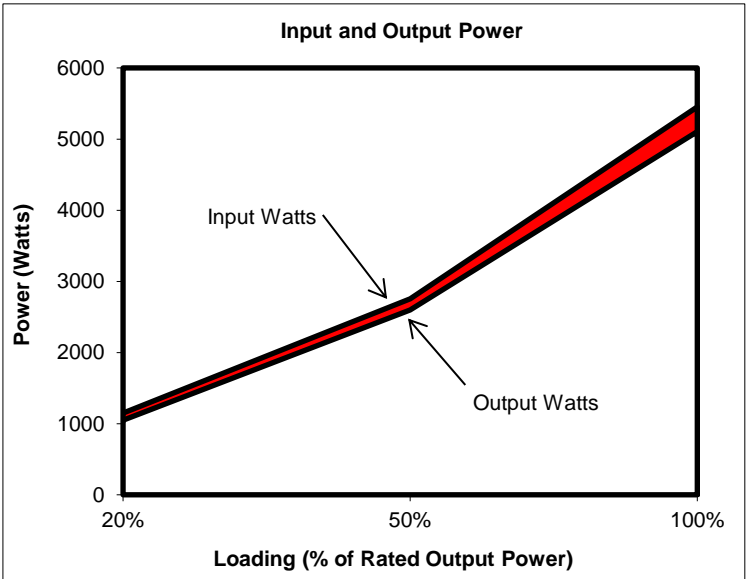
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 4.87%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Efficiency
							56V		
2.83	0.97	19.61%	10%	Low	628	66.96	57.79/9.12	527	83.92%
5.05	0.99	11.01%	20%	Light	1146	66.84	57.59/18.24	1051	91.70%
12.00	1.00	4.87%	50%	Typical	2756	66.72	56.97/45.61	2598	94.28%
23.72	1.00	2.70%	100%	Full	5452	66.96	55.97/91.21	5105	93.62%

\* 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/>

