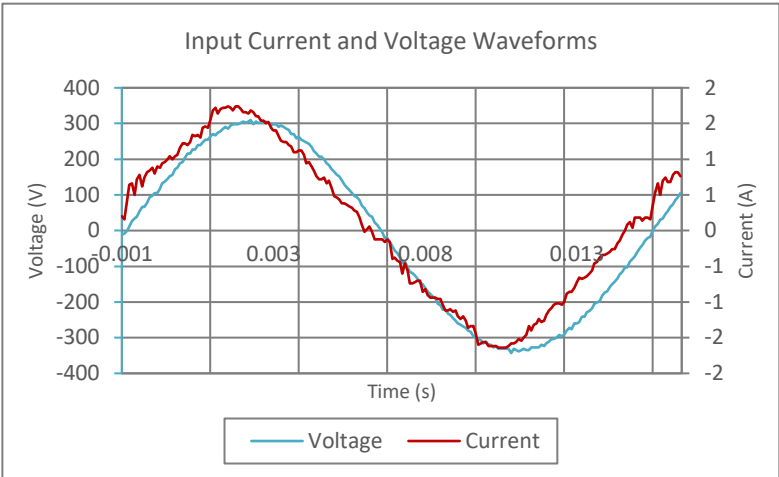


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	94.24%
AVERAGE EFFICIENCY :	93.18%
80 PLUS COMPLIANT:	YES



ID Number	SO-1898
Manufacturer	AcBel Polytech Inc.
Model Number	R1BA2451D
Serial Number	N/A
Year	2021
Type	1U
Test Date	05/24/21



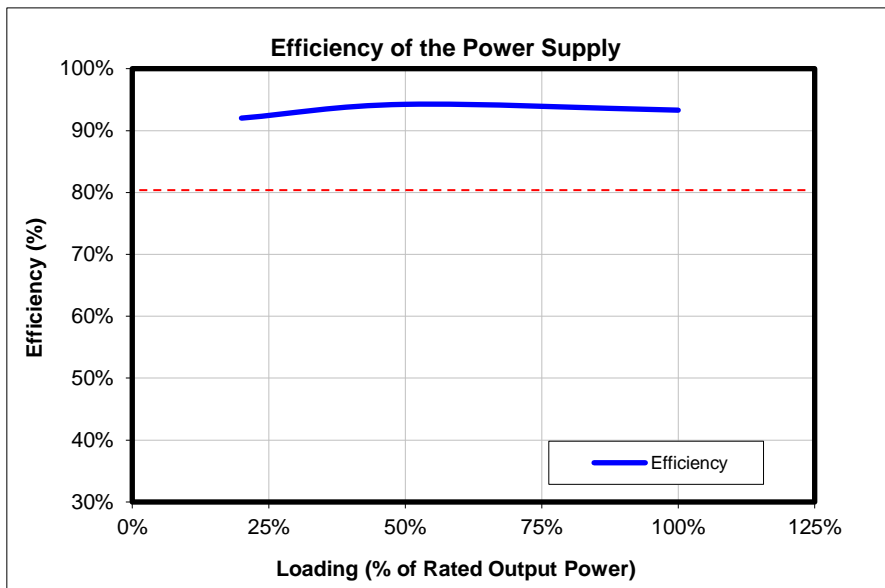
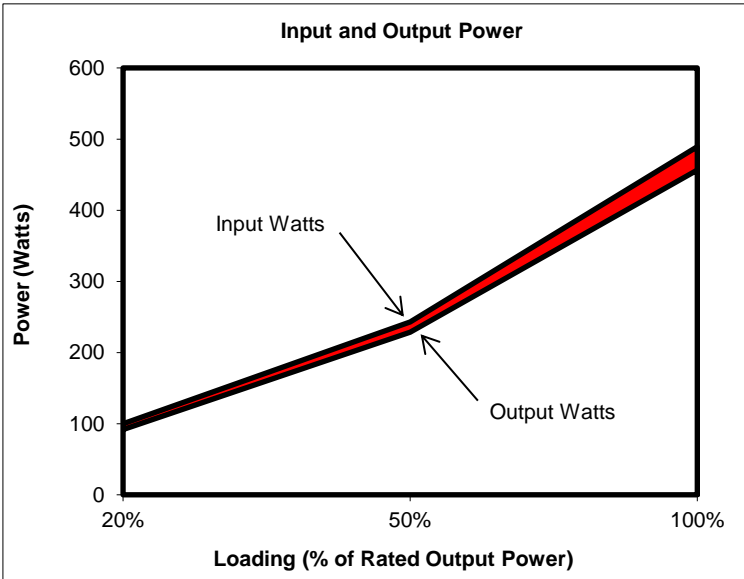
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6	Amps
Input Frequency	50/60	Hz
Rated Output Power	450	Watts

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

Input AC Current Waveform (ITHD = 8.42%, 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
							12V	5Vsb		
0.27	0.85	14.11%	10%	Low	53	1.44	12.19/3.64	5.07/0.29	46	86.10%
0.45	0.96	9.63%	20%	Light	100	1.32	12.19/7.27	5.08/0.58	92	92.01%
1.08	0.98	8.42%	50%	Typical	243	1.56	12.17/18.19	5.06/1.46	229	94.24%
2.16	0.98	8.80%	100%	Full	489	4.80	12.15/36.38	4.99/2.92	456	93.29%

* 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/>