

80 PLUS Verification and Testing Report

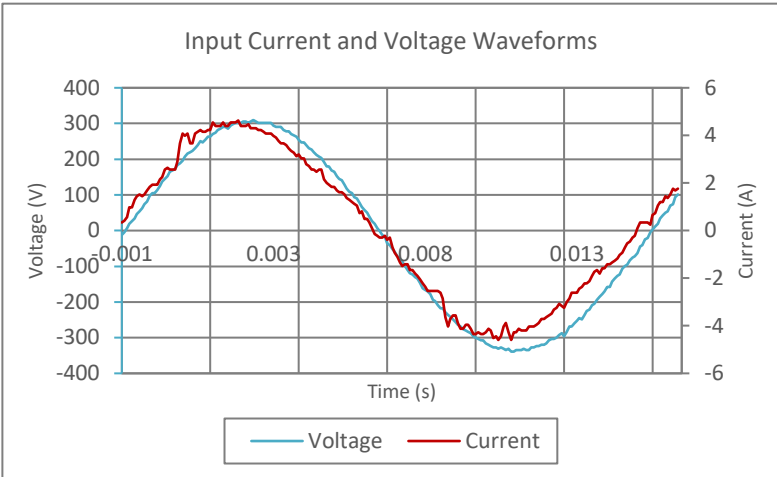
TYPICAL EFFICIENCY (50% Load):	94.28%
AVERAGE EFFICIENCY :	92.91%
80 PLUS COMPLIANT:	YES



ID Number	SO-1963
Manufacturer	AcBel Polytech Inc.
Model Number	R1BA2132B
Serial Number	N/A
Year	2021
Type	1U
Test Date	12/03/21

Rated Specifications	Value	Units
Input Voltage	100-120/200-240	Volts
Input Current	12/7.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	1,300	Watts

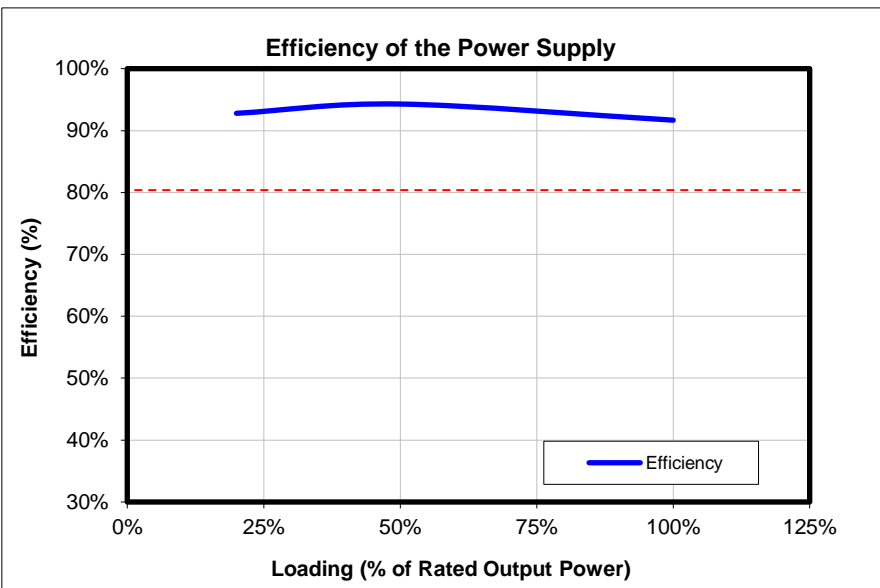
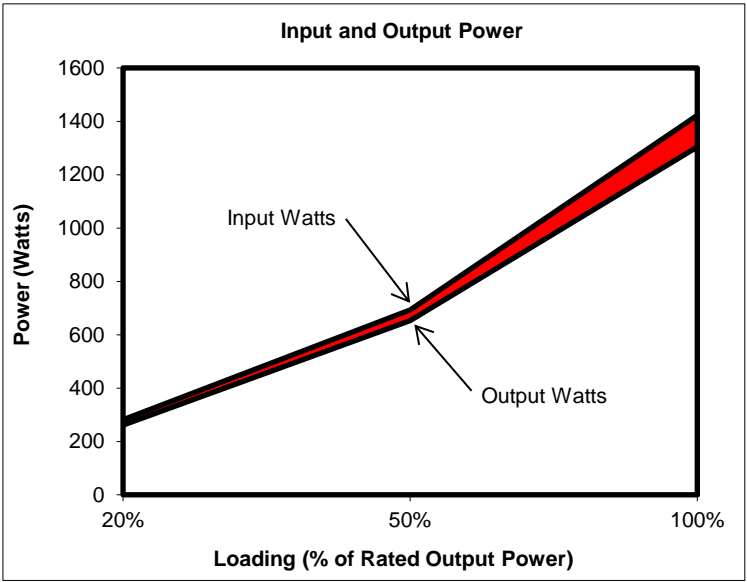
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 7.25%, 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		
0.72	0.93	11.14%	10%	Low	154	26.16	12.04/10.65	5.03/0.49	131	85.04%
1.27	0.97	8.05%	20%	Light	282	26.16	12.04/21.31	5.01/0.99	261	92.78%
3.04	0.99	7.25%	50%	Typical	693	26.28	12.03/53.27	4.97/2.47	653	94.28%
6.22	0.99	3.31%	100%	Full	1422	26.28	12.01/106.53	4.88/4.93	1304	91.67%

* 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/>