

80 PLUS Verification and Testing Report

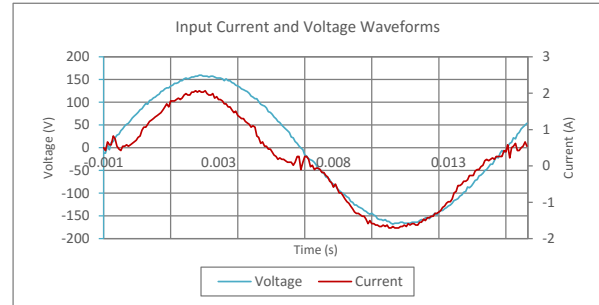
TYPICAL EFFICIENCY (50% Load):	92.71%
AVERAGE EFFICIENCY :	91.31%
80 PLUS COMPLIANT:	YES



ID Number	5174
Manufacturer	AcBel Polytech Inc.
Model Number	PCH022
Serial Number	N/A
Year	2017
Type	CUSTOM
Test Date	12/7/17

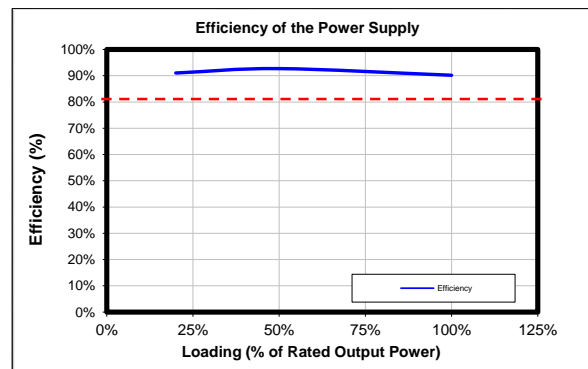
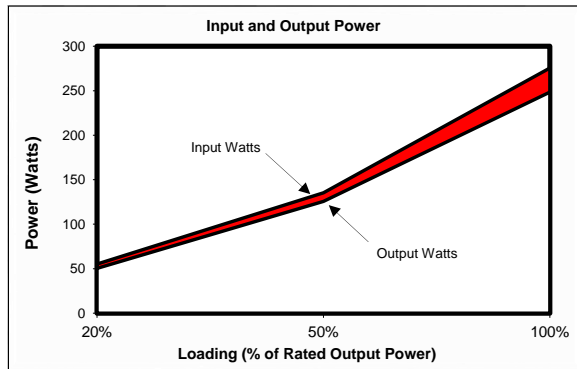
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	3	Amps
Input Frequency	50-60	Hz
Rated Output Power	250	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 16.32%, 50% Load)

I _{RMS}	PF	I _{THD}	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Efficiency
					12.1V (cumulative of 12.1V1, 12.1V2, etc.)		
0.28	0.88	19.95%	10%	28.91	12.16/2.06	25.11	86.84%
0.51	0.95	20.48%	20%	55.34	12.14/4.15	50.38	91.04%
1.21	0.97	16.32%	50%	135.43	12.08/10.39	125.56	92.71%
2.42	0.99	9.79%	100%	275.50	11.99/20.73	248.44	90.18%



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/>

