

80 PLUS Verification and Testing Report

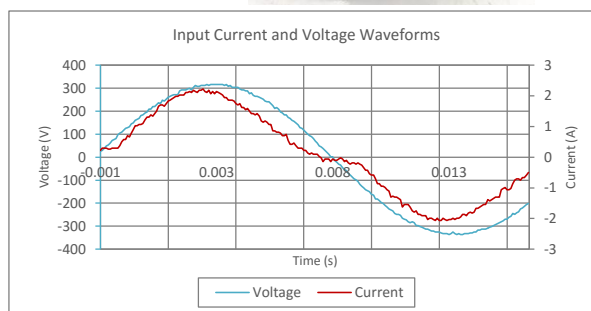
TYPICAL EFFICIENCY (50% Load):	86.77%
AVERAGE EFFICIENCY :	85.21%
80 PLUS COMPLIANT:	YES



ID Number	EU-311
Manufacturer	AcBel Polytech Inc.
Model Number	PCB041
Serial Number	N/A
Year	2017
Type	ATX12V
Test Date	5/12/17

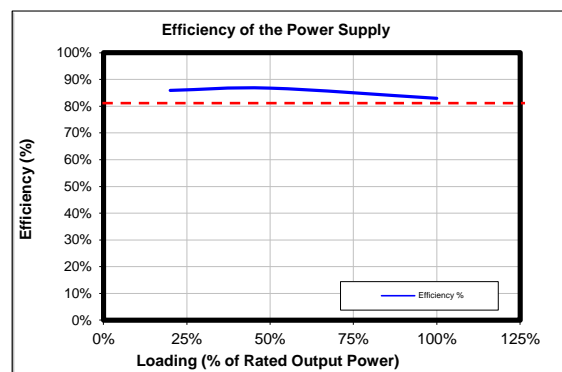
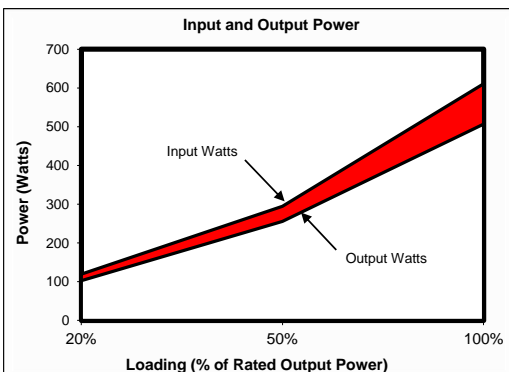
Rated Specifications	Value	Units
Input Voltage	220-240	Volts
Input Current	5	Amps
Input Frequency	50	Hz
Rated Output Power	500	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (I_{THD} = 19.07%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vsb		
0.30	0.91	30.27%	10%	62.85	12.32/3.09	11.69/0.03	3.4/1.2	5.13/1.5	5.2/0.22	51.37	81.73%
0.55	0.95	24.79%	20%	119.40	12.32/6.2	11.72/0.05	3.39/2.4	5.1/2.99	5.18/0.44	102.59	85.92%
1.31	0.98	19.07%	50%	294.50	12.32/15.47	11.78/0.13	3.36/6	5.04/7.45	5.12/1.1	255.54	86.77%
2.70	0.98	15.44%	100%	610.70	12.32/30.76	11.96/0.26	3.32/11.99	4.95/14.89	5.02/2.21	506.60	82.95%



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/>

