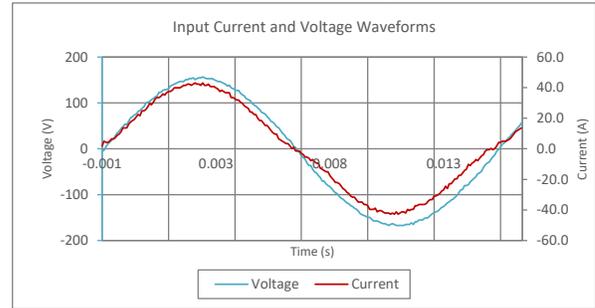


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.52%
AVERAGE EFFICIENCY :	85.03%
80 PLUS COMPLIANT:	YES



ID Number	5869
Manufacturer	ACBEL POLYTECH INC.
Model Number	API-5551B-SERIES
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	1/20/20

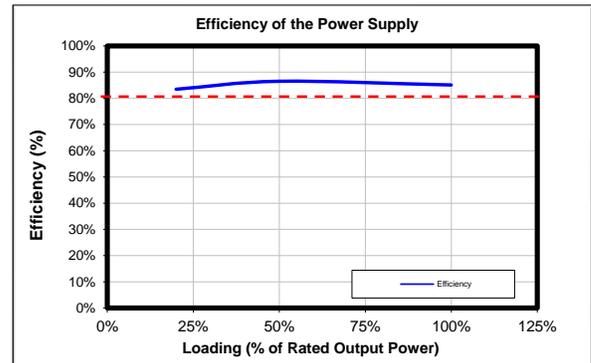
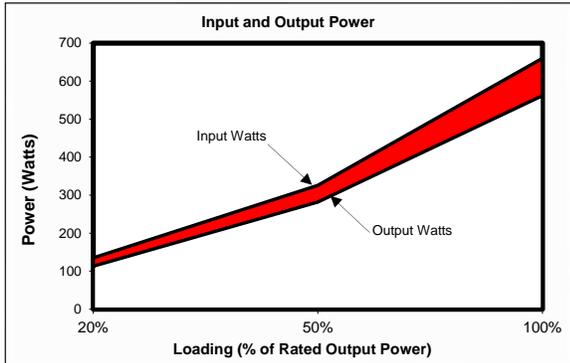


Input AC Current Waveform (ITHD = 7.5%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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

I _{RMS}	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		
0.66	0.97	14.05%	10%	73.40	12.28/3.74	11.56/0.03	3.42/1.06	5.15/1.06	5.17/0.22	56.50	76.97%
1.19	0.99	8.99%	20%	135.16	12.25/7.49	11.61/0.05	3.42/2.13	5.15/2.12	5.16/0.44	112.83	83.48%
2.85	0.99	7.50%	50%	325.70	12.24/18.73	11.86/0.13	3.42/5.31	5.14/5.28	5.14/1.1	281.79	86.52%
5.76	1.00	5.83%	100%	660.10	12.21/37.41	12.02/0.27	3.42/10.65	5.13/10.54	5.09/2.21	561.80	85.11%



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/>

