

80 PLUS Verification and Testing Report

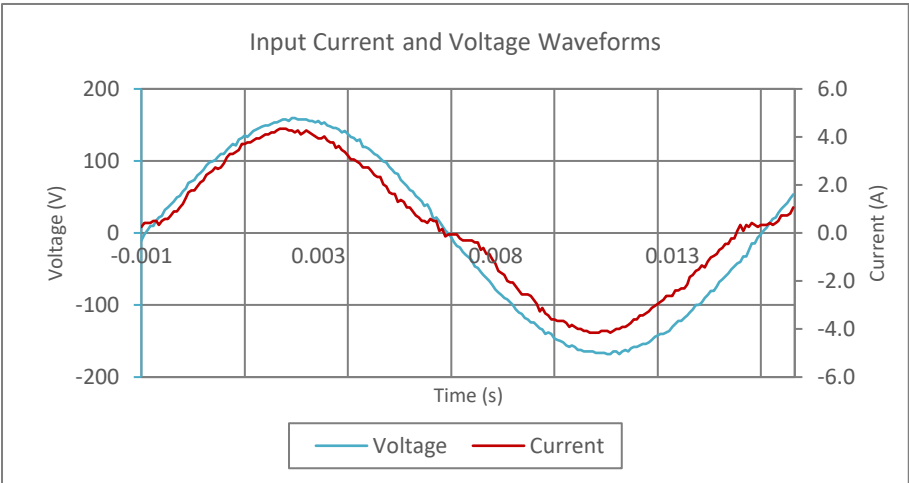
TYPICAL EFFICIENCY (50% Load):	87.93%
AVERAGE EFFICIENCY :	86.35%
80 PLUS COMPLIANT:	YES



ID Number	6603
Manufacturer	NZXT
Model Number	PA-5B1B
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	6/4/21

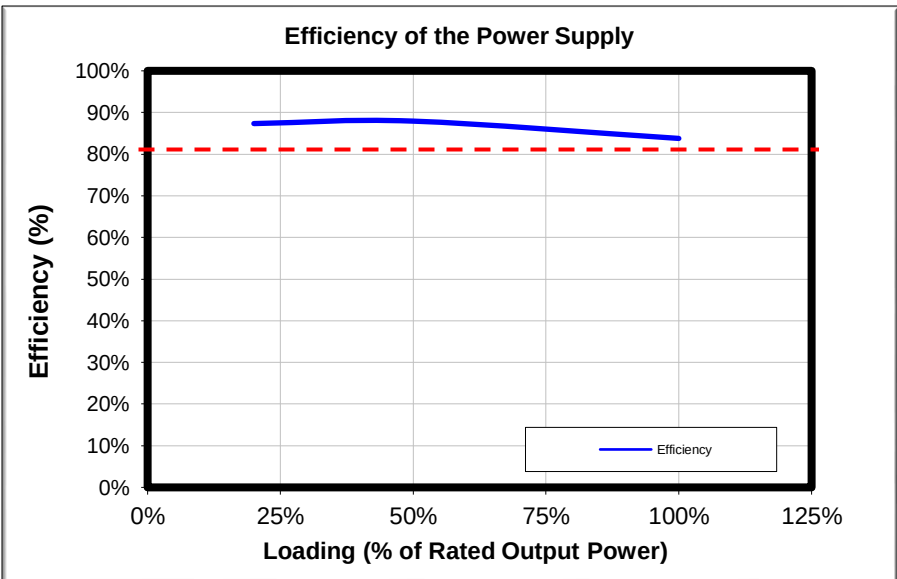
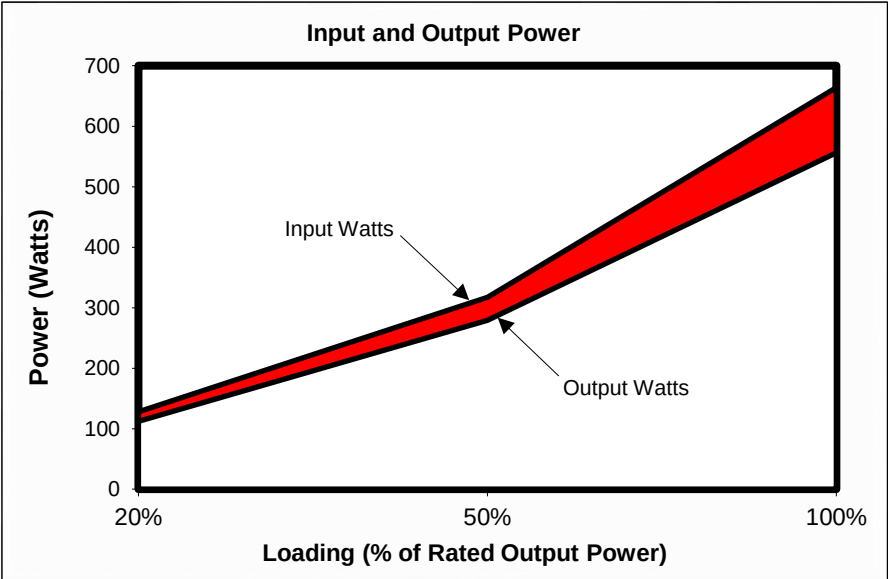
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (ITHD = 12%, 50% Load)

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		
0.60	0.96	22.46%	10%	66.84	12.19/3.74	11.82/0.02	3.3/1.08	5.02/1.08	5.09/0.2	55.83	83.53%
1.14	0.98	17.03%	20%	127.84	12.18/7.47	11.84/0.05	3.3/2.17	5.01/2.16	5.08/0.41	111.66	87.34%
2.78	0.99	12.00%	50%	317.20	12.16/18.71	11.94/0.12	3.3/5.42	5.01/5.37	5.06/1.02	278.90	87.93%
5.81	0.99	10.23%	100%	663.80	12.13/37.36	12.08/0.25	3.3/10.86	5.02/10.75	5.01/2.05	556.08	83.77%



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/>