

80 PLUS Verification and Testing Report

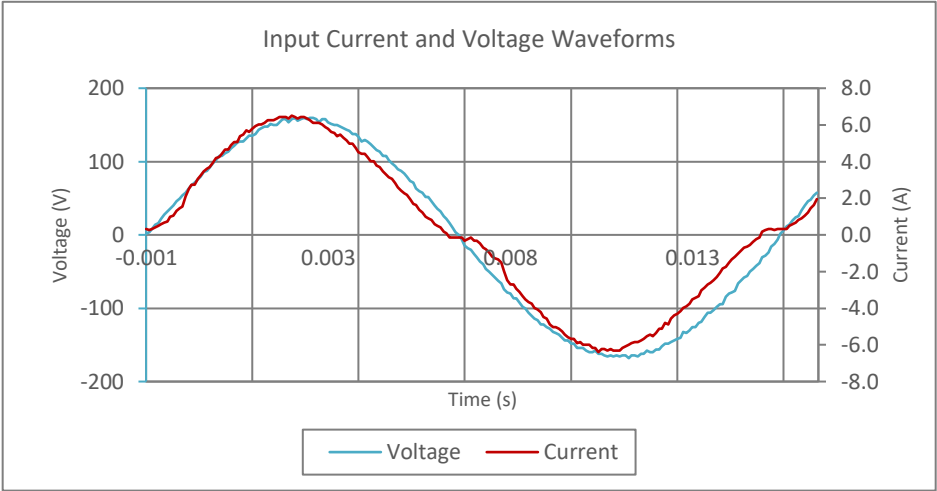
TYPICAL EFFICIENCY (50% Load):	90.80%
AVERAGE EFFICIENCY :	89.51%
80 PLUS COMPLIANT:	YES



ID Number	6741
Manufacturer	NZXT
Model Number	PA-8G1B
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	12/15/21

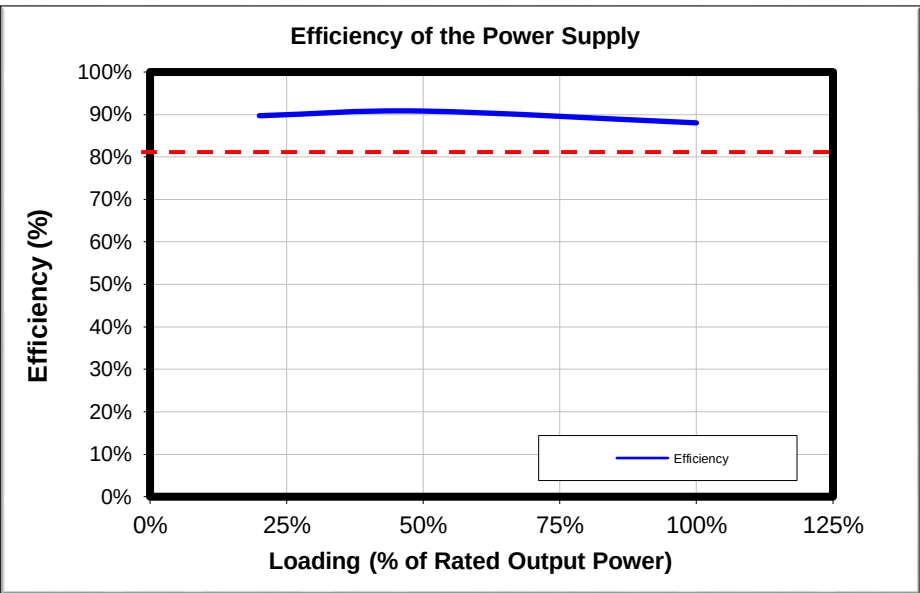
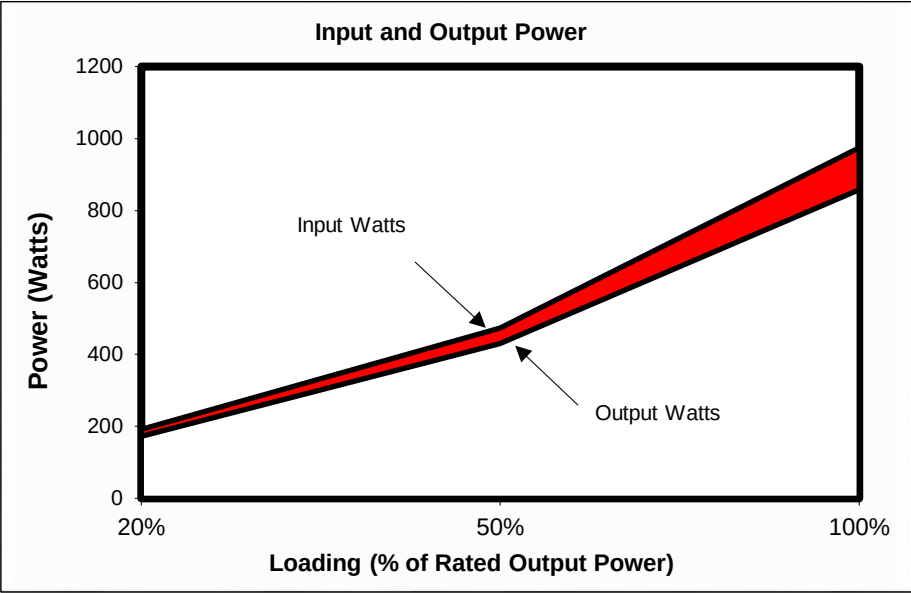
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 11.84%, 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		
0.89	0.98	18.28%	10%	100.47	12.13/6.1	12.01/0.03	3.29/1.24	5.04/1.24	5.03/0.26	85.99	85.59%
1.69	0.99	14.96%	20%	191.99	12.13/12.22	12.01/0.05	3.29/2.49	5.04/2.48	5.03/0.52	172.23	89.71%
4.16	0.99	11.84%	50%	473.30	12.11/30.58	12.02/0.13	3.29/6.22	5.04/6.16	5.09/1.29	429.77	90.80%
8.52	0.99	8.69%	100%	974.40	12.09/61.09	12.02/0.26	3.29/12.46	5.04/12.31	5.05/2.58	857.78	88.03%



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/>