

80 PLUS Verification and Testing Report

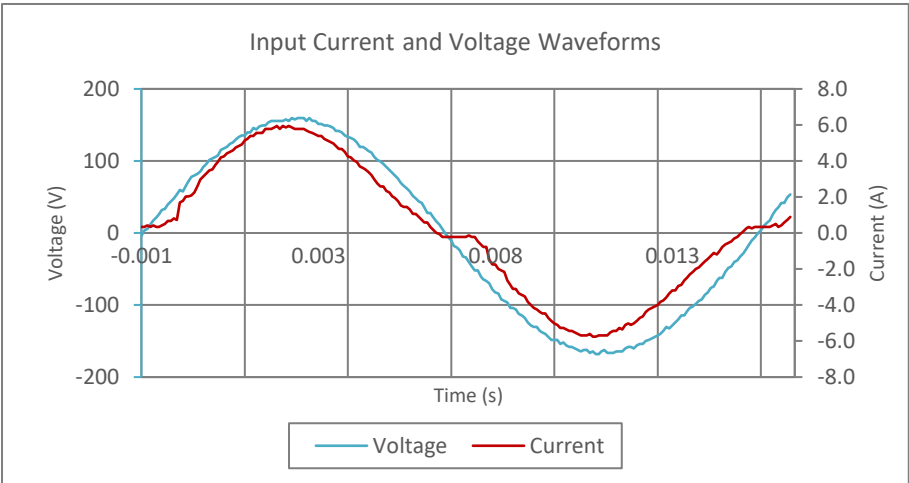
TYPICAL EFFICIENCY (50% Load):	89.24%
AVERAGE EFFICIENCY :	87.57%
80 PLUS COMPLIANT:	YES



ID Number	6605
Manufacturer	NZXT
Model Number	PA-7B1B
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	6/4/21

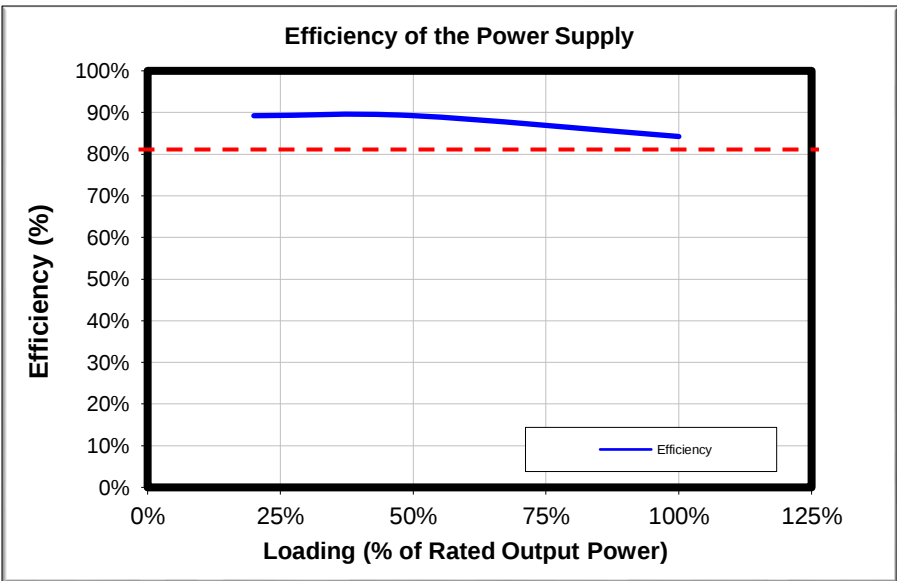
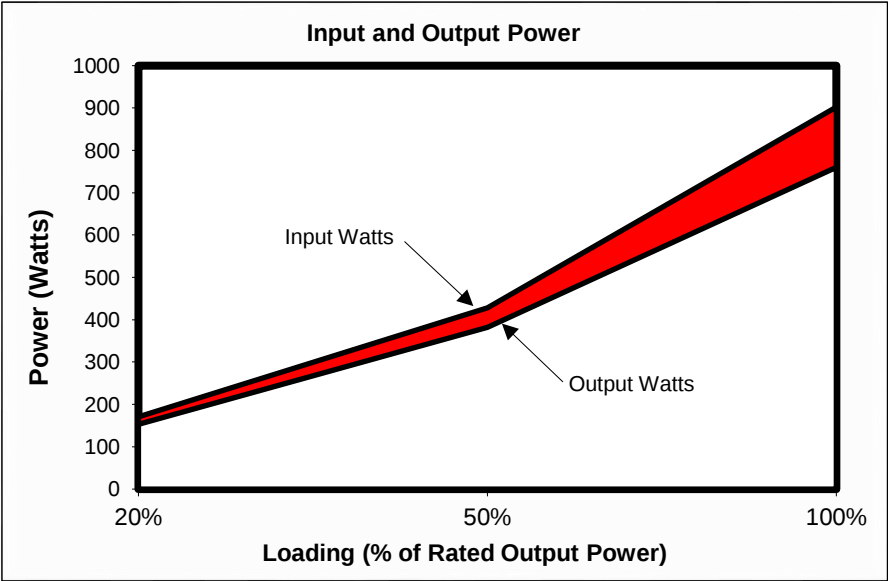
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 14.52%, 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		
0.81	0.95	30.19%	10%	89.14	12.22/5.32	11.57/0.03	3.31/1.22	5.03/1.22	5.08/0.21	76.53	85.86%
1.53	0.97	22.46%	20%	171.14	12.21/10.61	11.62/0.05	3.31/2.45	5.03/2.44	5.07/0.42	152.69	89.22%
3.76	0.99	14.52%	50%	428.00	12.19/26.59	11.73/0.13	3.31/6.13	5.04/6.07	5.04/1.06	381.95	89.24%
7.90	0.99	10.57%	100%	902.20	12.15/53.09	11.9/0.25	3.3/12.26	5.04/12.12	4.99/2.12	759.96	84.23%



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/>