

80 PLUS Verification and Testing Report

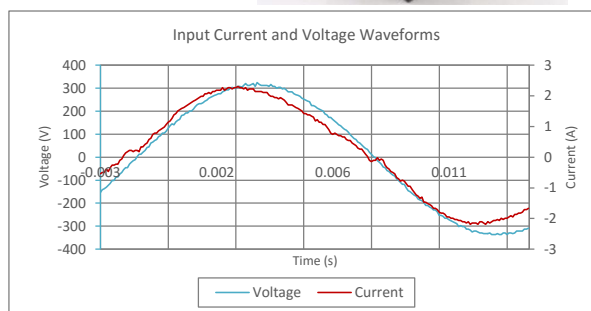
TYPICAL EFFICIENCY (50% Load):	87.22%
AVERAGE EFFICIENCY :	85.63%
80 PLUS COMPLIANT:	YES



ID Number	EU-304
Manufacturer	BitFenix
Model Number	BPA600
Serial Number	712Q00002
Year	2017
Type	ATX12V
Test Date	4/13/17

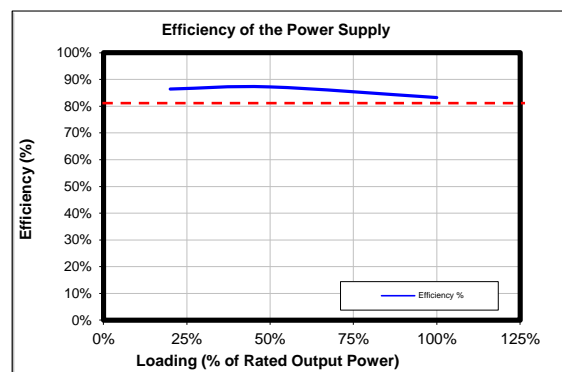
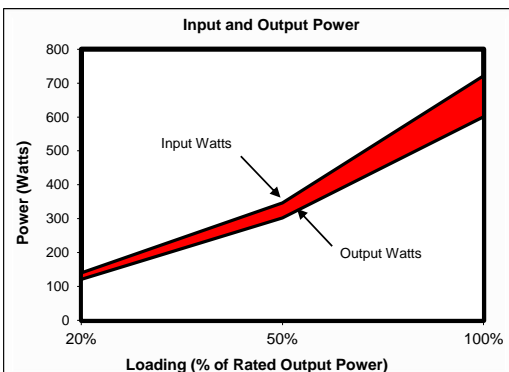
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	4.5	Amps
Input Frequency	47-63	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (I_{THD} = 7.1%, 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		
0.47	0.69	91.68%	10%	74.32	12.07/4.02	11.78/0.03	3.39/1.26	5.13/1.26	5.08/0.22	60.68	81.65%
0.66	0.92	38.83%	20%	140.17	12.08/8.03	11.84/0.05	3.38/2.52	5.11/2.51	5.06/0.44	121.15	86.43%
1.52	0.99	7.10%	50%	346.60	12.07/20.1	12/0.13	3.35/6.3	5.06/6.25	5/1.09	302.32	87.22%
3.16	0.99	8.06%	100%	721.50	12.06/40.08	12.33/0.26	3.3/12.58	4.96/12.5	4.9/2.18	600.65	83.25%



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/>

