

80 PLUS Verification and Testing Report

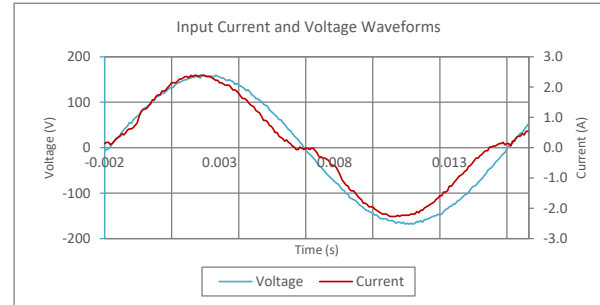
TYPICAL EFFICIENCY (50% Load):	87.16%
AVERAGE EFFICIENCY :	84.97%
80 PLUS COMPLIANT:	YES



ID Number	6245
Manufacturer	Be Quiet
Model Number	TFX3B-300W
Serial Number	322S0421000002
Year	2020
Type	TFX
Test Date	12/16/20

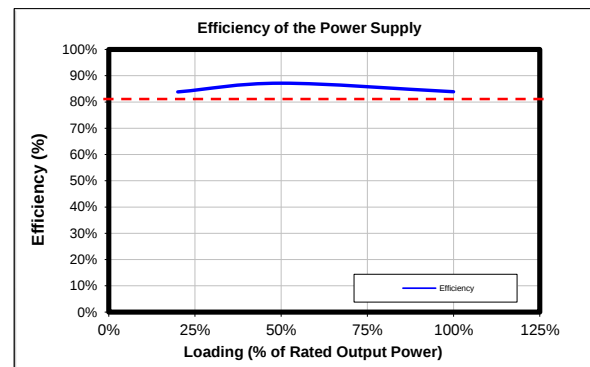
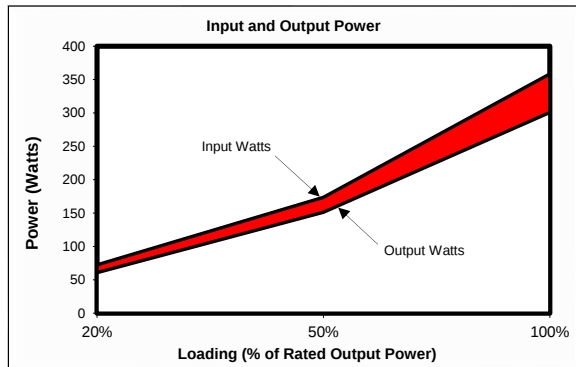
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4-1.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

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



Input AC Current Waveform (I_{THD} = 14.39%, 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		
0.35	0.96	14.32%	10%	39.18	12.05/1.86	11.95/0.02	3.4/0.77	5.17/0.77	5.09/0.19	30.27	77.26%
0.64	0.98	8.60%	20%	72.41	12.04/3.76	11.95/0.04	3.39/1.53	5.17/1.53	5.05/0.37	60.71	83.84%
1.53	0.99	14.39%	50%	173.55	12/9.4	11.93/0.11	3.38/3.81	5.14/3.8	5/0.93	151.26	87.16%
3.16	0.99	13.52%	100%	358.50	11.95/18.79	11.96/0.22	3.34/7.66	5.1/7.59	4.99/1.87	300.82	83.91%



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/>

