

80 PLUS Verification and Testing Report

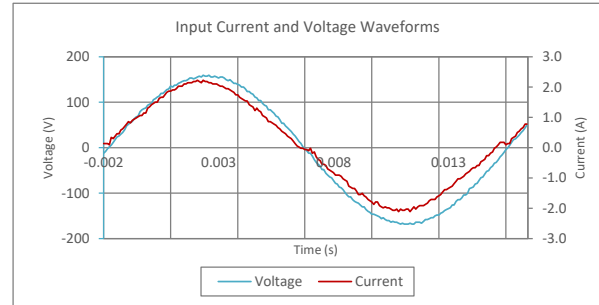
TYPICAL EFFICIENCY (50% Load):	90.71%
AVERAGE EFFICIENCY :	89.32%
80 PLUS COMPLIANT:	YES



ID Number	6246
Manufacturer	Be Quiet
Model Number	TFX3G-300W
Serial Number	323S0421000099
Year	2020
Type	TFX
Test Date	12/16/20

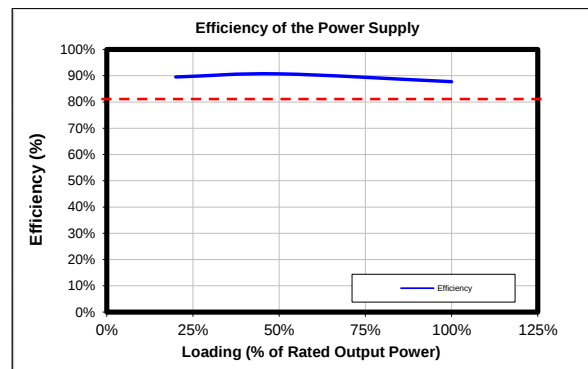
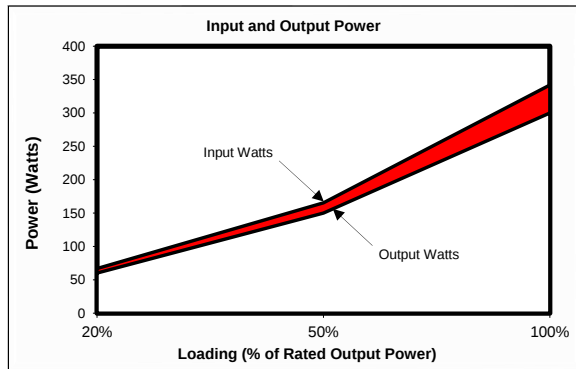
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4-2	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

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



Input AC Current Waveform (THD = 6.56%, 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		
0.32	0.95	22.45%	10%	35.35	11.82/1.76	12.57/0.02	3.43/0.91	5.12/0.91	5.05/0.22	29.98	84.82%
0.59	0.98	14.92%	20%	67.03	11.84/3.53	12.44/0.04	3.42/1.82	5.11/1.81	5.04/0.44	60.00	89.52%
1.45	1.00	6.56%	50%	165.51	11.87/8.83	12.41/0.11	3.4/4.54	5.09/4.5	5.02/1.1	150.14	90.71%
2.98	1.00	5.33%	100%	341.90	11.91/17.65	12.6/0.22	3.36/9.09	5.04/9	4.99/2.2	299.97	87.74%



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/>

