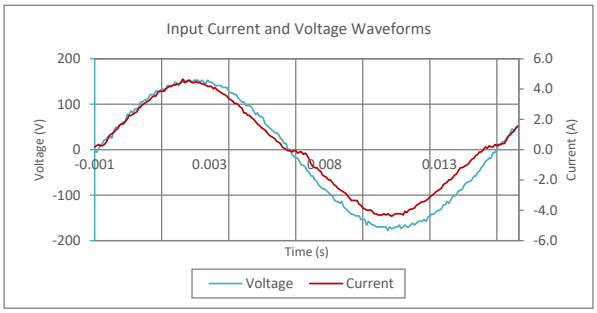
80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	**90.68%**
AVERAGE EFFICIENCY :	**89.32%**
80 PLUS COMPLIANT:	**YES**

ID Number	5354
Manufacturer	Be Quiet
Model Number	L11-CM-600W
Serial Number	298S8221000097
Year	2018
Type	ATX12V
Test Date	8/13/18

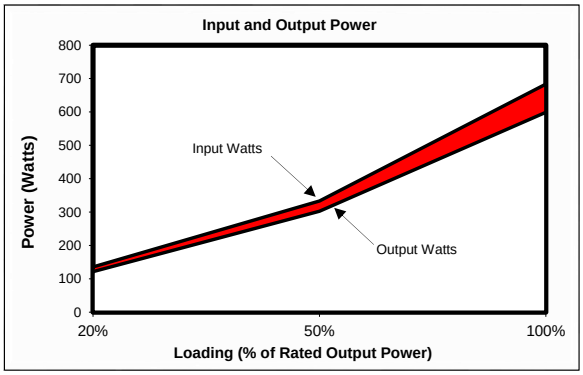
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	**600**	**Watts**

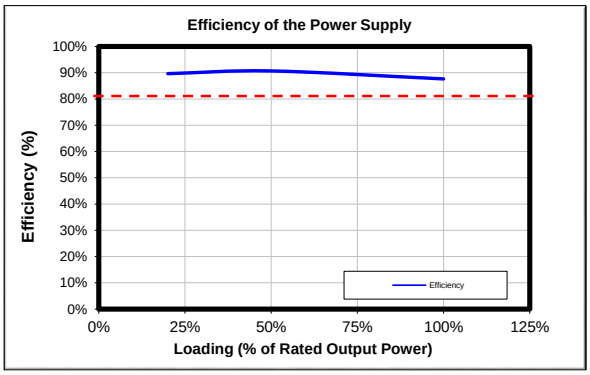
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 9.75%, 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		
0.66	0.94	30.50%	10%	71.06	12.1/3.94	12.03/0.02	3.38/1.66	5.05/1.19	5.09/0.25	60.84	**85.61%**
1.22	0.97	22.77%	20%	135.44	12.09/7.87	12.03/0.05	3.38/3.3	5.04/2.38	5.08/0.49	121.41	**89.64%**
2.92	0.99	9.75%	50%	333.40	12.06/19.7	12.02/0.12	3.35/8.29	5/5.92	5.04/1.23	302.32	**90.68%**
5.96	1.00	5.48%	100%	683.50	11.99/39.32	12.03/0.25	3.3/16.61	4.95/11.81	4.97/2.45	599.06	**87.65%**





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/