

80 PLUS Verification and Testing Report

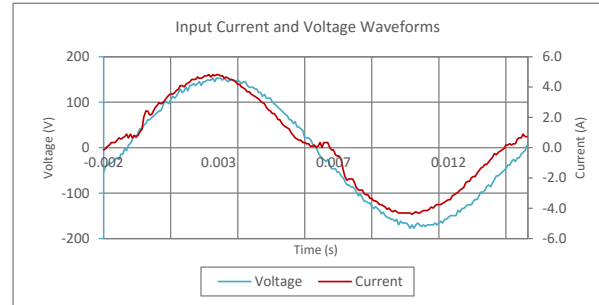
TYPICAL EFFICIENCY (50% Load):	87.63%
AVERAGE EFFICIENCY :	85.96%
80 PLUS COMPLIANT:	YES



ID Number	5267
Manufacturer	EVGA
Model Number	600 BR
Serial Number	N/A
Year	2018
Type	ATX12V
Test Date	3/20/18

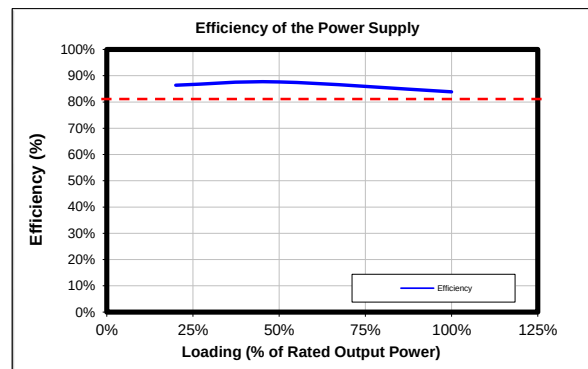
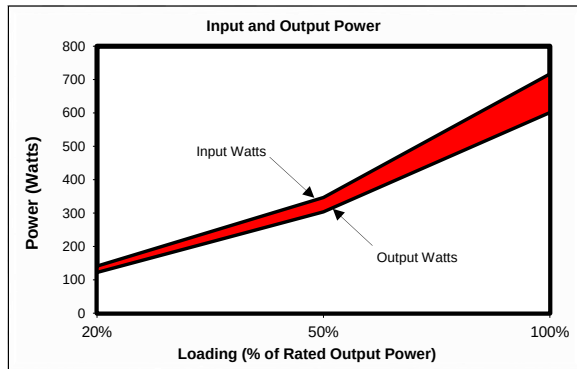
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (I_{THD} = 12.37%, 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		
0.69	0.94	18.26%	10%	74.35	12.2/4.01	12.1/0.02	3.38/1.12	5.07/1.34	5.08/0.24	61.00	82.04%
1.27	0.97	14.27%	20%	141.40	12.19/8.04	12.11/0.05	3.37/2.24	5.06/2.67	5.07/0.48	122.15	86.39%
3.07	0.98	12.37%	50%	346.60	12.13/20.12	12.17/0.12	3.34/5.61	5.01/6.66	5.03/1.2	303.73	87.63%
6.28	0.99	8.39%	100%	716.90	12.04/40.19	12.29/0.24	3.28/11.22	4.94/13.3	4.96/2.4	601.24	83.87%



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/>

