

80 PLUS Verification and Testing Report

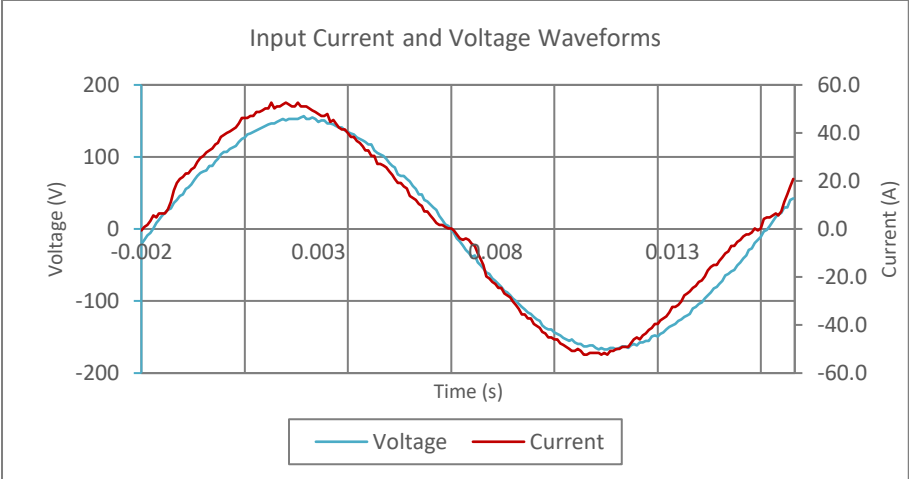
TYPICAL EFFICIENCY (50% Load):	87.95%
AVERAGE EFFICIENCY :	86.41%
80 PLUS COMPLIANT:	YES



ID Number	5920
Manufacturer	EVGA
Model Number	700 BQ
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	3/11/20

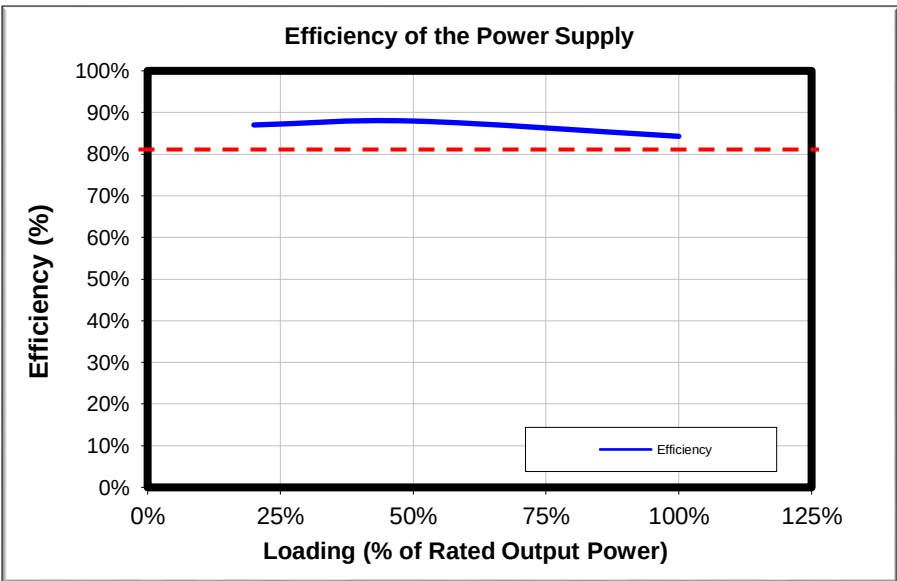
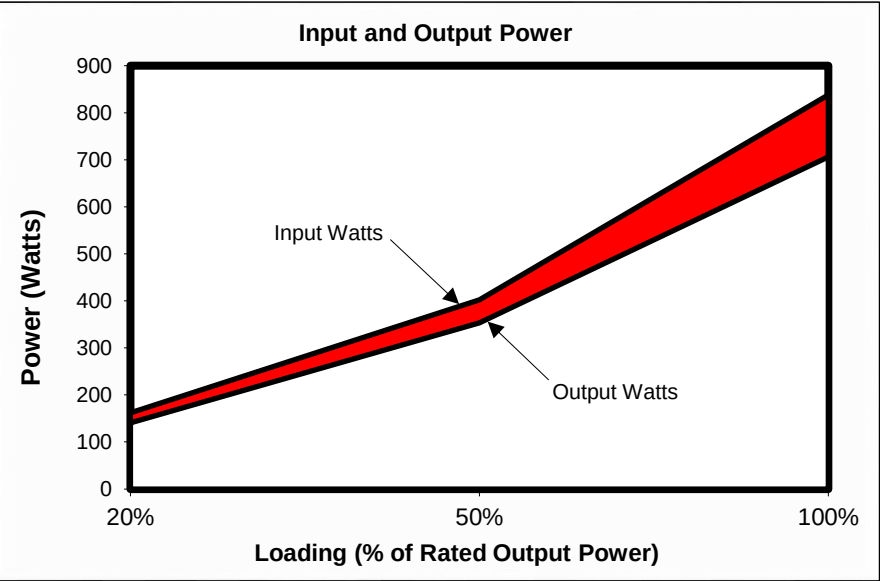
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	700	Watts

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



Input AC Current Waveform (ITHD = 7.4%, 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		
0.79	0.95	23.12%	10%	85.53	12.09/4.84	11.89/0.02	3.34/1.3	5.04/1.3	5.16/0.21	70.74	82.71%
1.45	0.97	15.45%	20%	162.46	12.09/9.68	11.95/0.05	3.34/2.59	5.04/2.58	5.14/0.41	141.34	87.00%
3.53	0.99	7.40%	50%	402.40	12.09/24.26	12.17/0.12	3.33/6.48	5.05/6.43	5.09/1.03	353.90	87.95%
7.31	1.00	4.92%	100%	837.90	12.08/48.43	12.52/0.25	3.31/12.97	5.05/12.83	5.01/2.07	706.18	84.28%



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/>

