

80 PLUS Verification and Testing Report

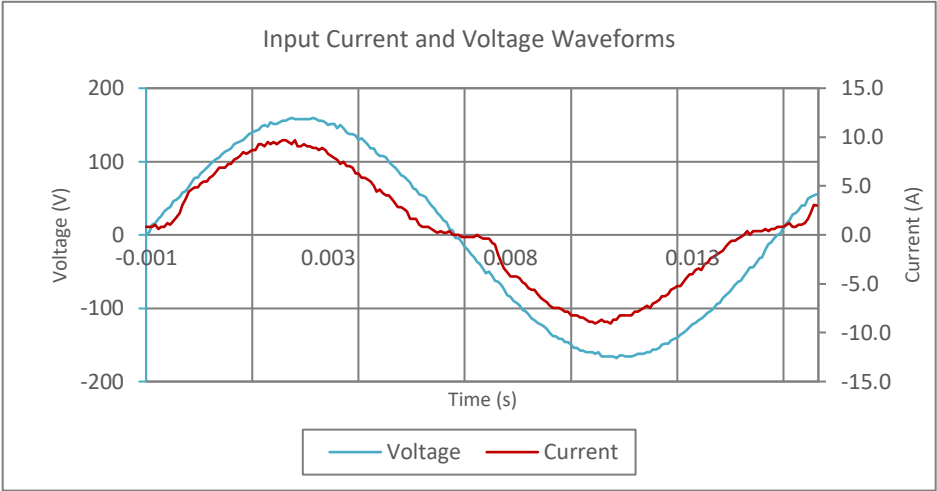
TYPICAL EFFICIENCY (50% Load):	92.09%
AVERAGE EFFICIENCY :	91.04%
80 PLUS COMPLIANT:	YES



ID Number	6716
Manufacturer	Cougar
Model Number	CGR PR-1200
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	12/1/21

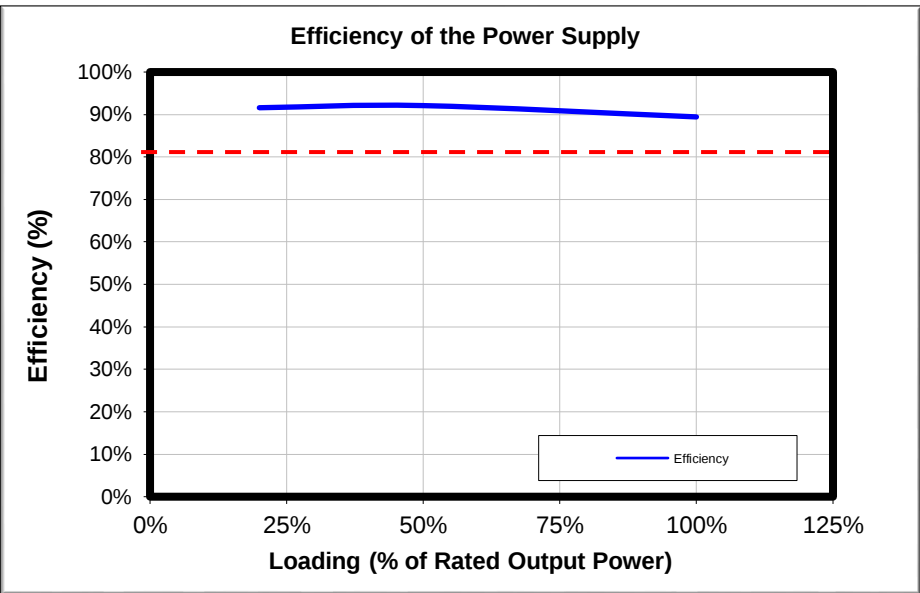
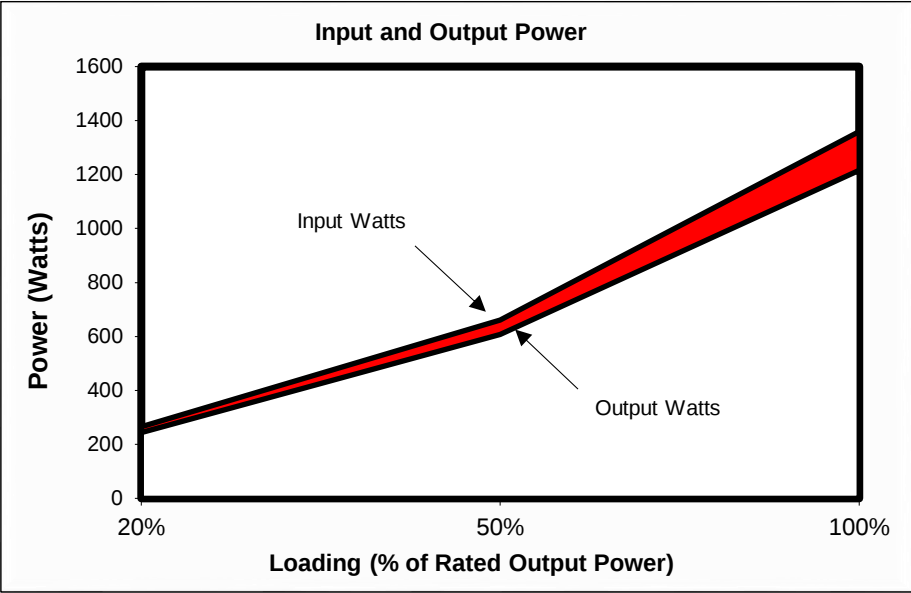
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-7	Amps
Input Frequency	47-63	Hz
Rated Output Power	1200	Watts

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



Input AC Current Waveform (ITHD = 15.78%, 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		
1.22	0.97	17.44%	10%	136.40	12.1/9.01	12.07/0.03	3.33/1.23	5.05/1.23	5.1/0.27	121.03	88.73%
2.40	0.96	23.24%	20%	265.00	12.12/18.05	12.06/0.05	3.33/2.47	5.05/2.46	5.09/0.54	242.72	91.59%
5.87	0.98	15.78%	50%	660.40	12.14/45.16	12.05/0.14	3.33/6.17	5.05/6.11	5.05/1.35	608.19	92.09%
11.95	0.99	12.13%	100%	1359.30	12.16/78.39	12.08/0.27	3.34/12.35	5.06/12.22	4.98/2.7	1215.65	89.43%



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/>