

# 80 PLUS Verification and Testing Report

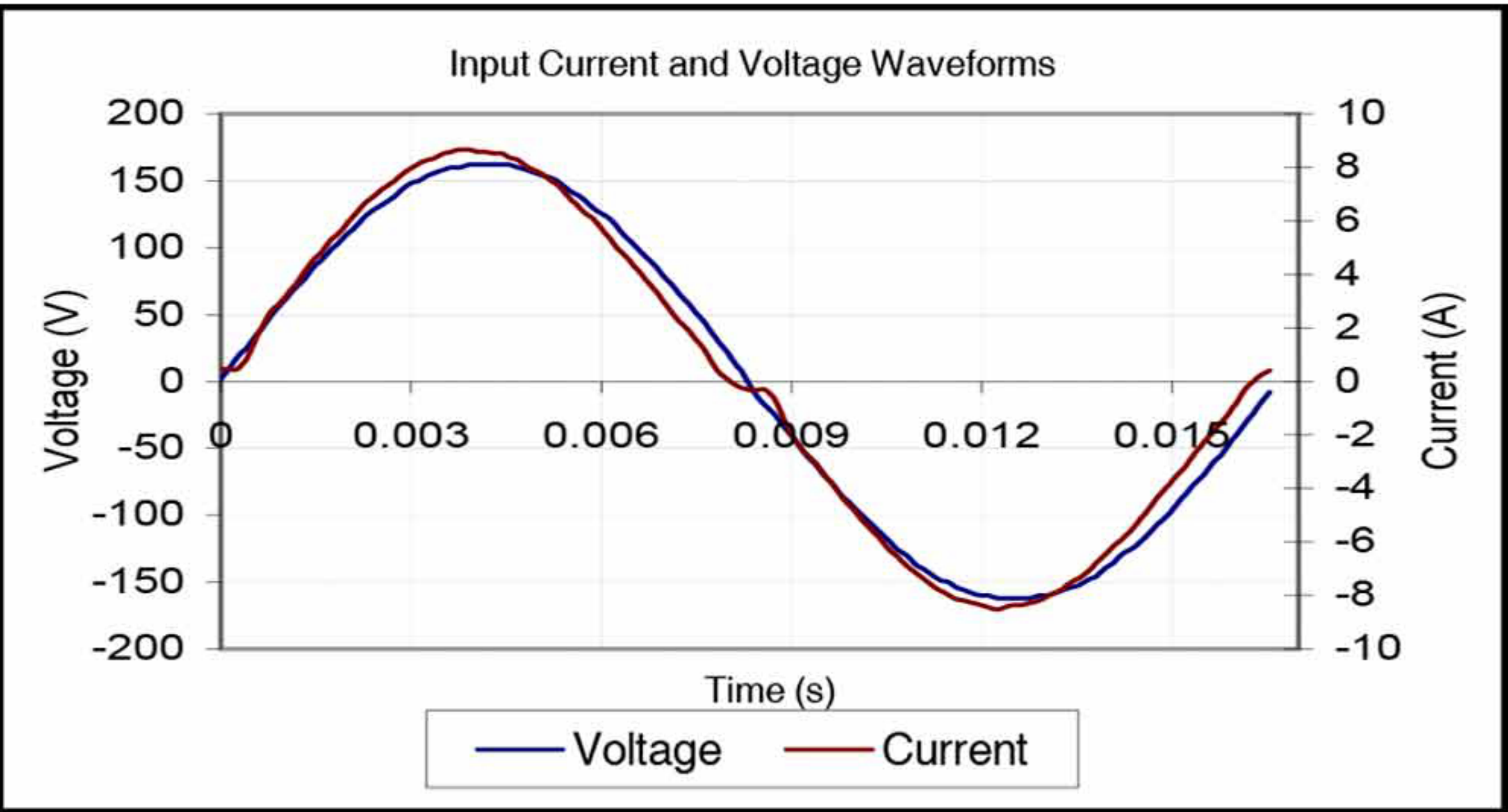
TYPICAL EFFICIENCY (50% Load):	90.94%
AVERAGE EFFICIENCY :	89.61%
80 PLUS COMPLIANT :	YES



Ecos ID #	1179.1
Manufacturer	Dongguan Golden Field Industrial Co., Ltd
Model Number	700ALG
Serial Number	N/A
Year	2018
Type	ATX12V
Test Date	12/4/2008

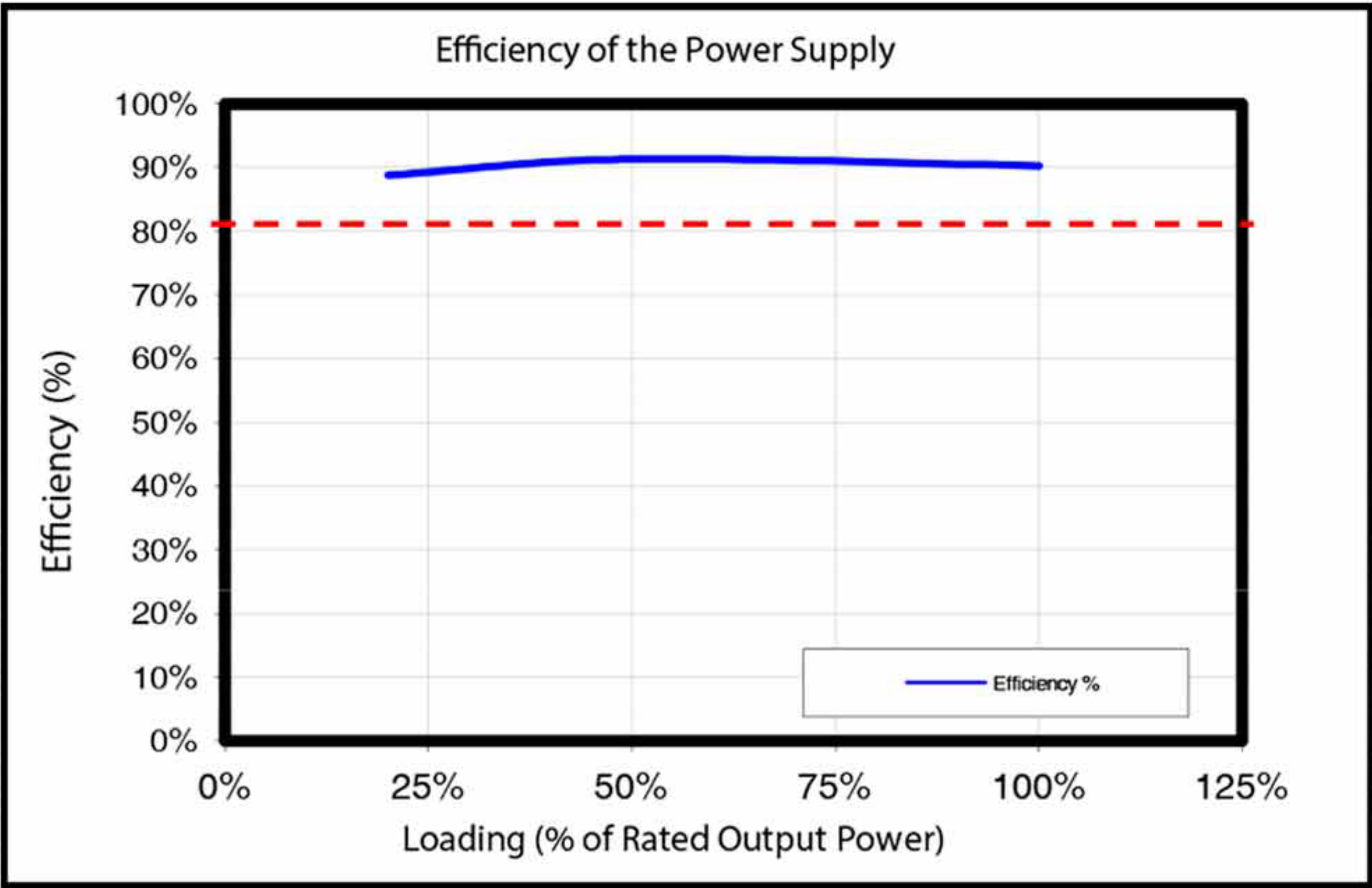
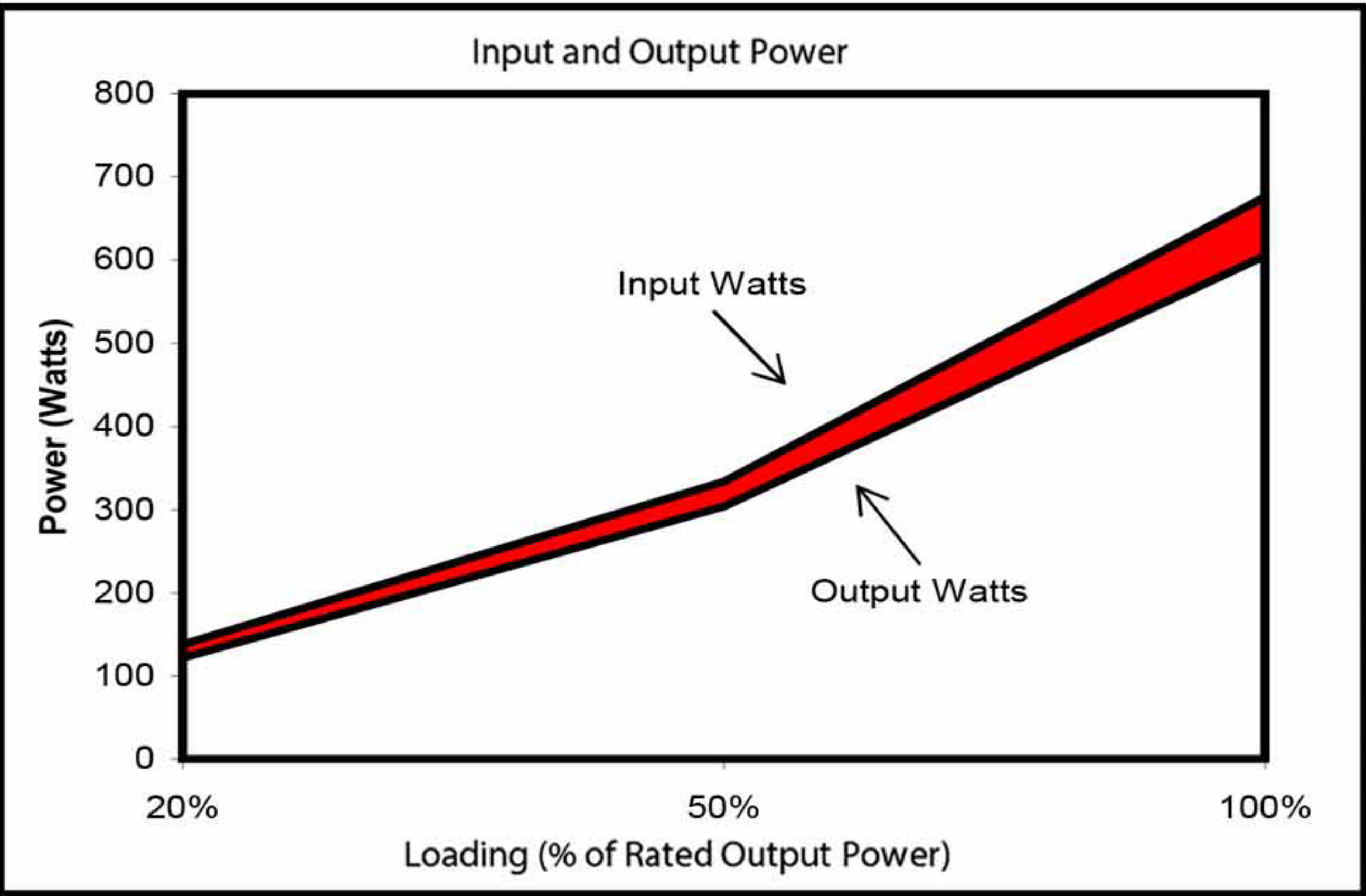
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	47-63	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 11.99%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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	18.3%	20%	138	12.1/7.8	11.9/0.1	3.4/2.8	5.1/2.8	5.1/0.5	122	88.47%
2.93	0.99	12.0%	50%	334	12.1/19.4	11.9/0.3	3.4/7	5.1/7	5/1.2	303	90.94%
5.91	1.00	5.9%	100%	676	12.1/38.8	12/0.6	3.3/13.9	5.1/13.9	5/2.3	605	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/>

