

# 80 PLUS Verification and Testing Report

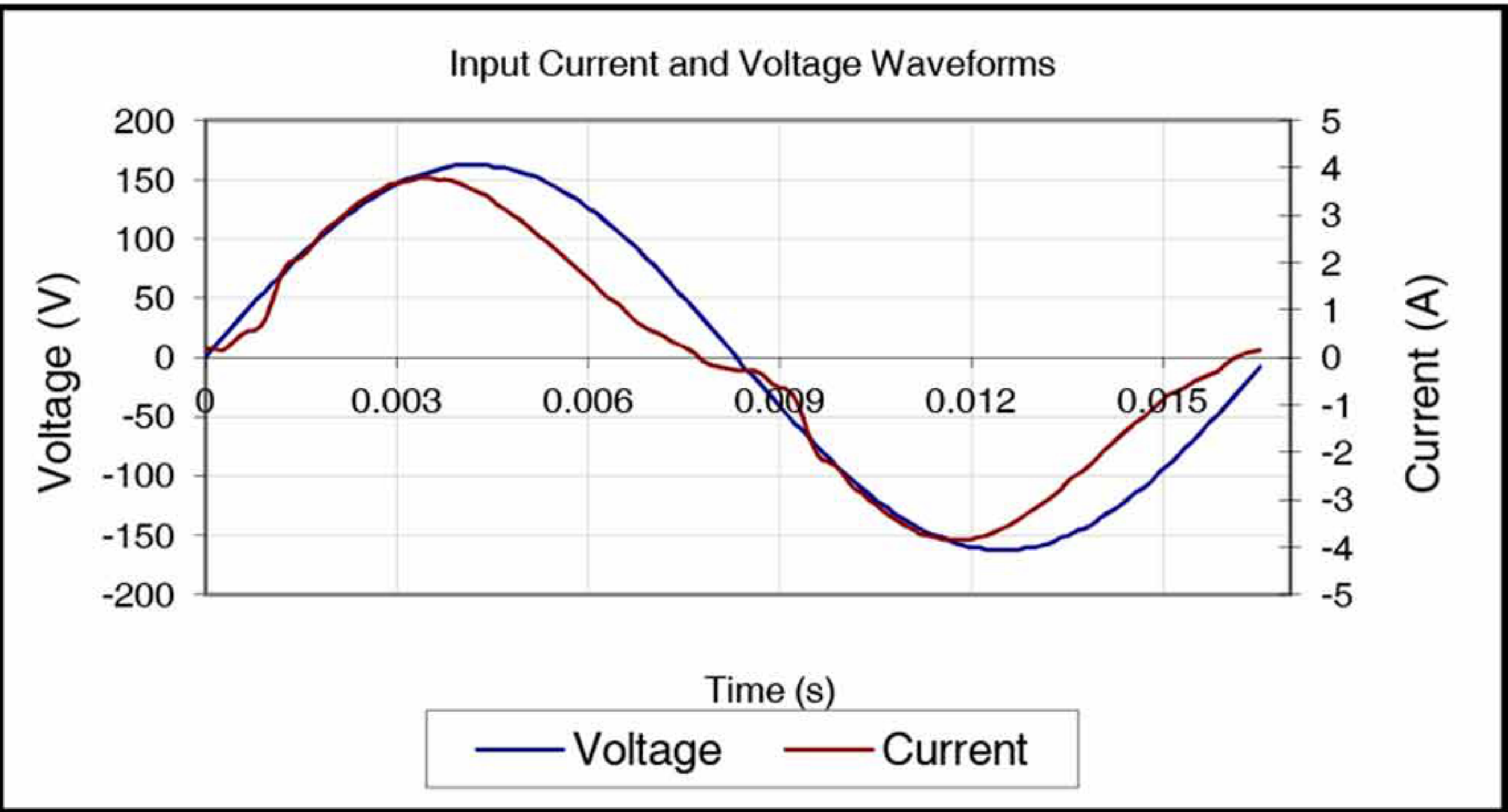
TYPICAL EFFICIENCY (50% Load):	91.31%
AVERAGE EFFICIENCY :	90.11%
80 PLUS COMPLIANT :	YES



Ecos ID #	4677
Manufacturer	Dongguan Golden Field Industrial Co., Ltd
Model Number	600ALG
Serial Number	N/A
Year	2016
Type	EPS12V
Test Date	8/31/16

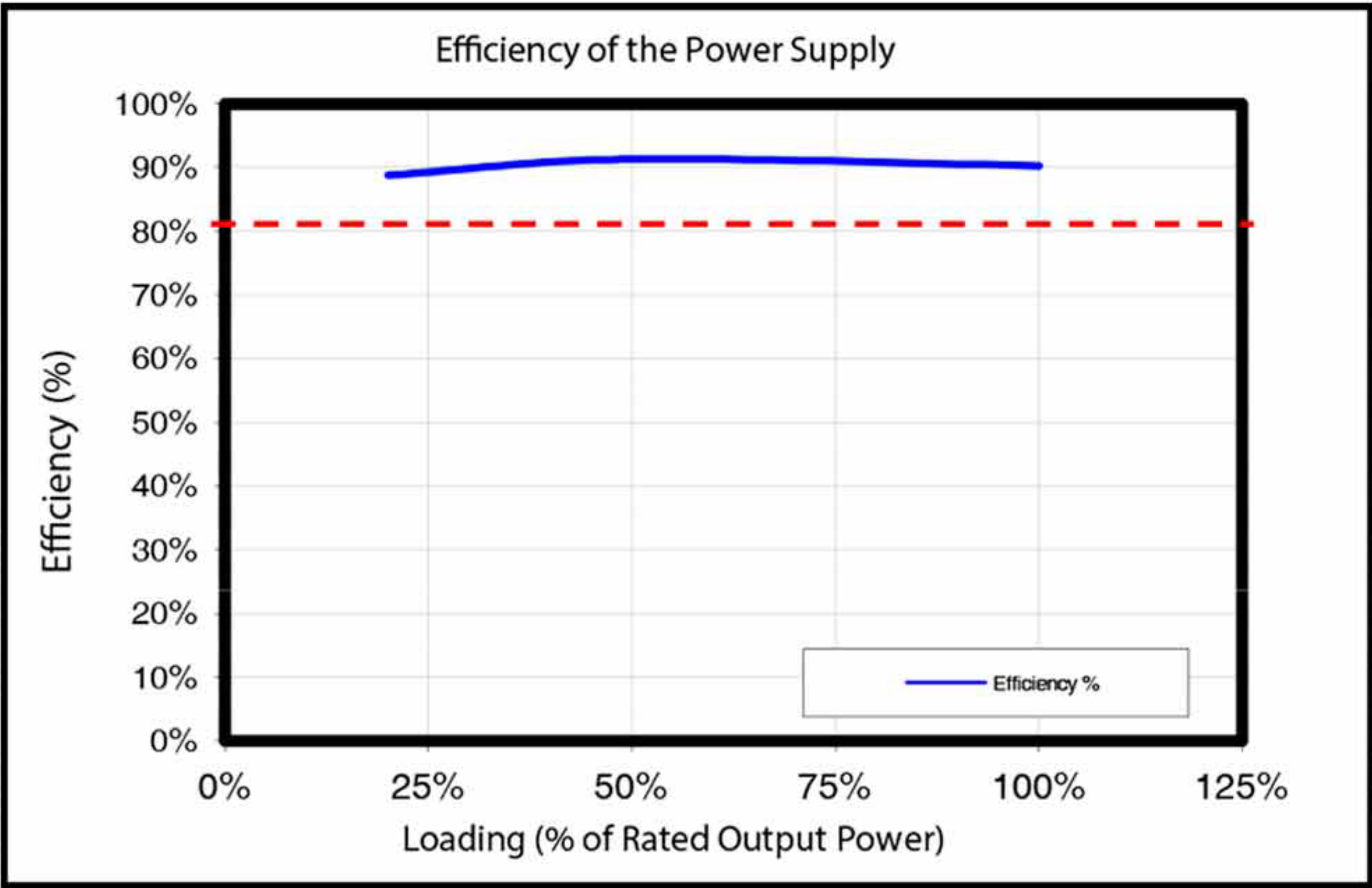
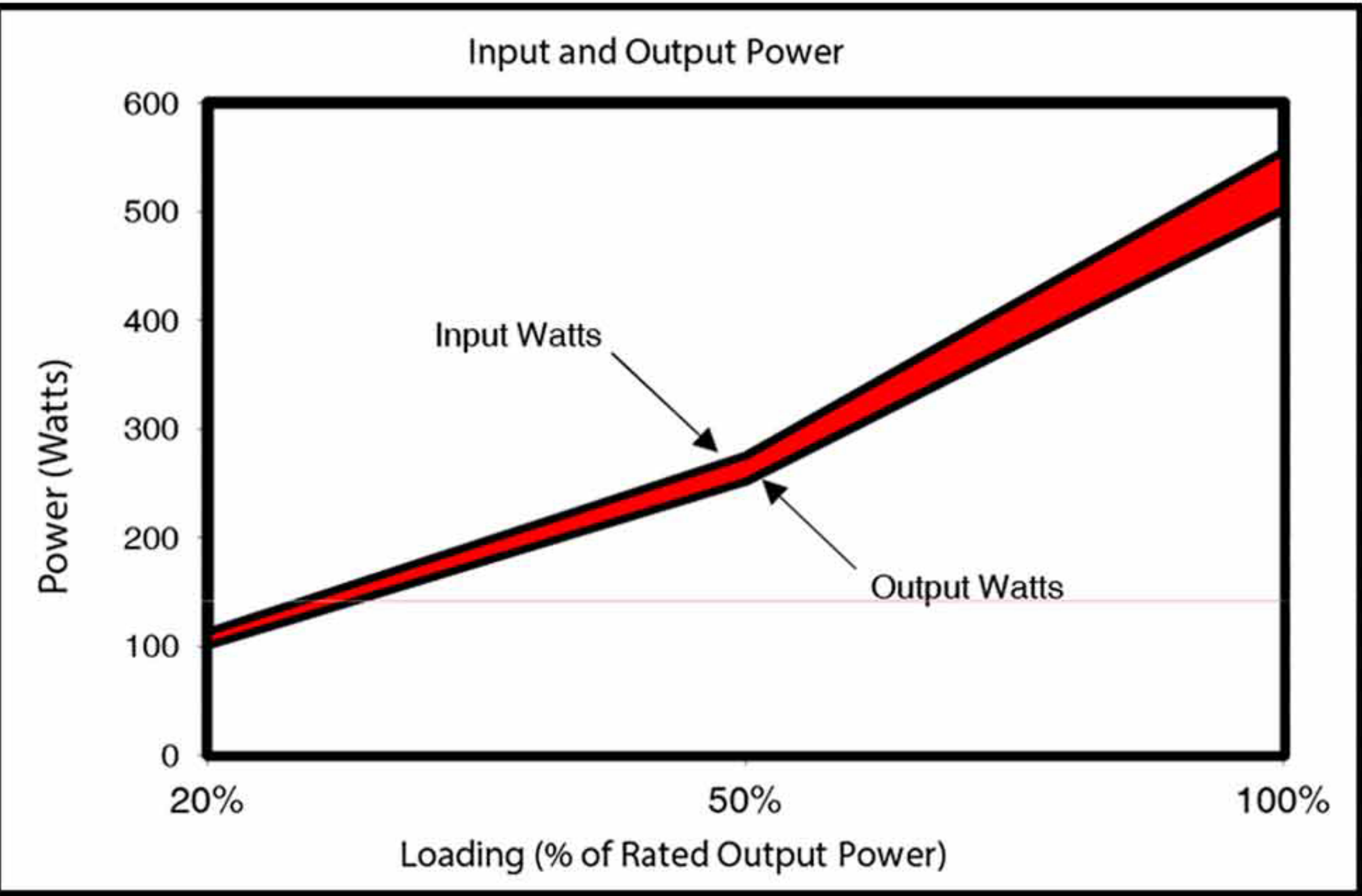
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-4	Amps
Input Frequency	47-63	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (ITHD = 17.57%, 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		
0.58	0.90	24.54 %	10%	60.21	12.08/3.47	11.72/0.02	3.36/0.87	5.09/0.87	5.14/0.21	50.54	83.94%
1.04	0.95	21.83 %	20%	113.83	12.08/6.92	11.57/0.05	3.36/1.74	5.09/1.74	5.13/0.41	101.02	88.75%
2.48	0.97	17.57 %	50%	276.00	12.08/17.28	11.56/0.12	3.35/4.36	5.07/4.33	5.11/1.03	252.03	91.31%
4.91	0.99	10.95 %	100%	556.30	12.09/34.42	11.75/0.25	3.33/8.7	5.06/8.65	5.07/2.06	502.16	90.27%



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/>

