

80 PLUS Verification and Testing Report

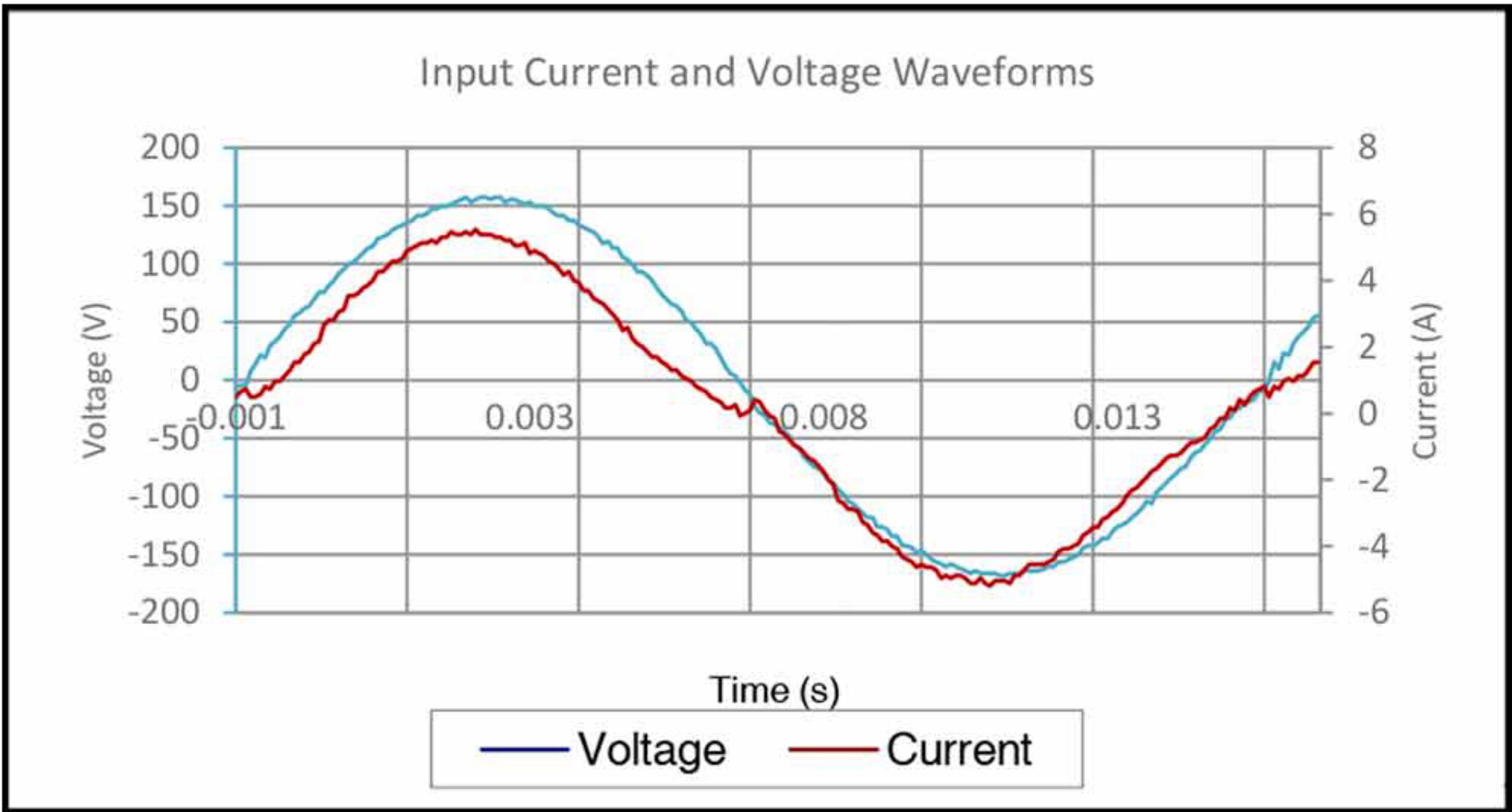
TYPICAL EFFICIENCY (50% Load):	91.08%
AVERAGE EFFICIENCY :	89.42%
80 PLUS COMPLIANT :	YES



Ecos ID #	5237
Manufacturer	Dongguan Golden Field Industrial Co., Ltd
Model Number	EPS800ALG(90+)
Serial Number	N/A
Year	2017
Type	EPS12V
Test Date	2/9/18

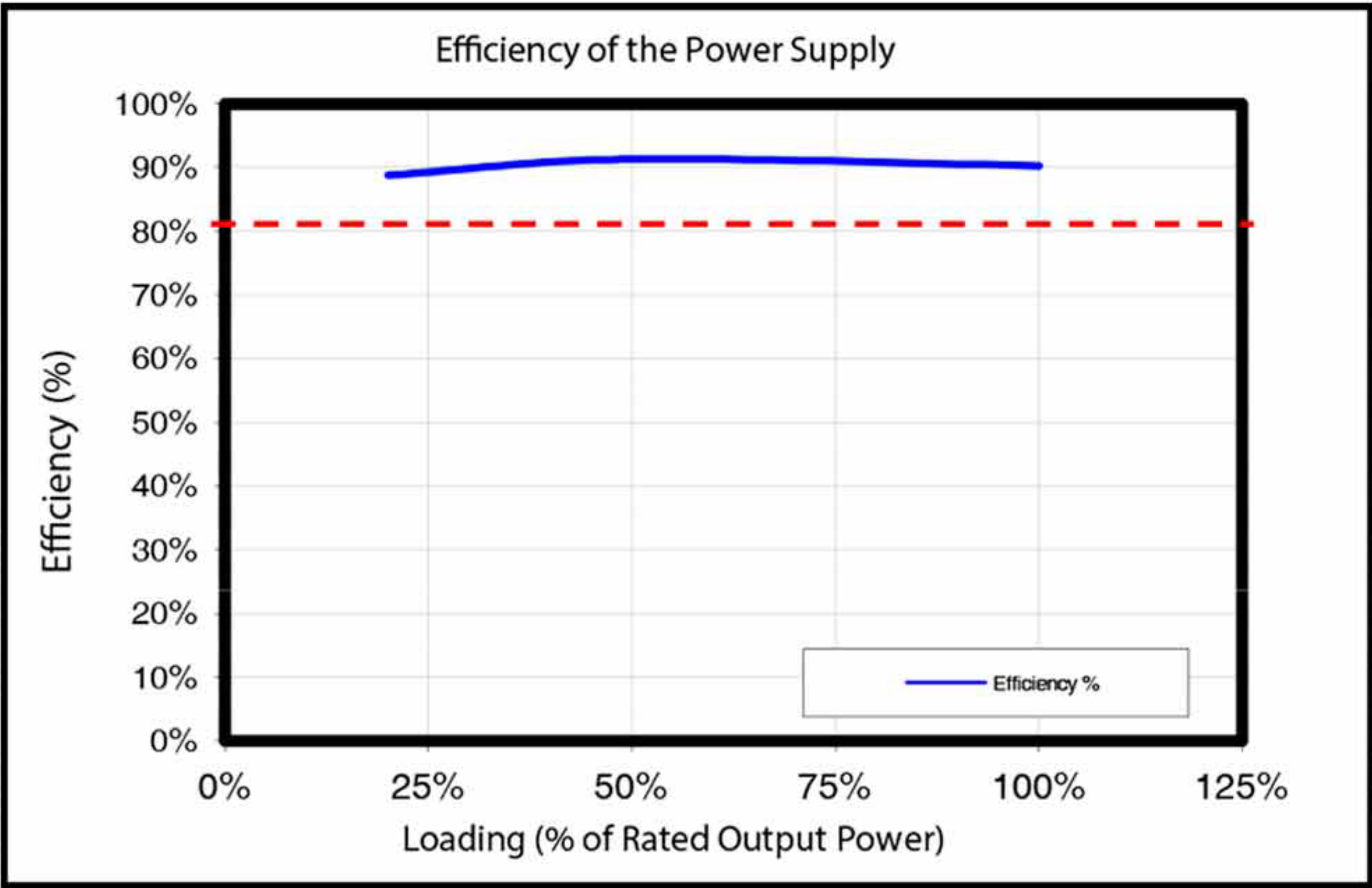
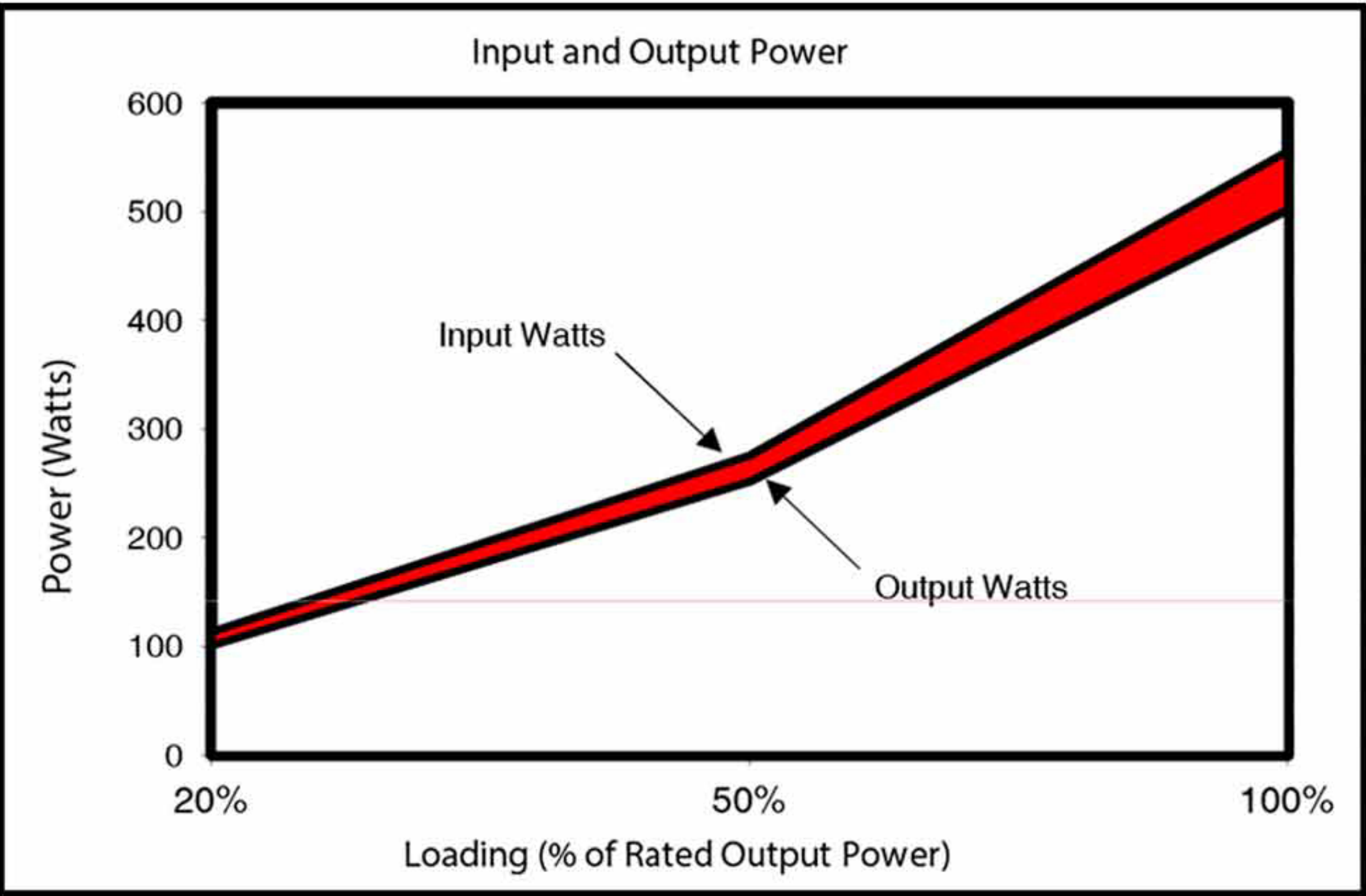
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	700	Watts

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



Input AC Current Waveform (ITHD = 12.32%, 50% Load)

I _{RMS} A	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		
0.86	0.87	42.91%	10%	86.26	12.19/5.06	12.01/0.04	3.4/0.94	5.16/0.94	5.15/0.22	71.36	82.72%
1.45	0.96	19.55%	20%	161.07	12.19/10.13	11.88/0.09	3.4/1.89	5.15/1.88	5.14/0.44	142.97	88.76%
3.45	0.99	12.32%	50%	391.70	12.18/25.33	11.79/0.22	3.38/4.72	5.11/4.68	5.1/1.09	356.75	91.08%
7.03	0.99	11.83%	100%	799.90	12.17/50.33	11.69/0.44	3.35/9.45	5.04/9.34	5.01/2.18	707.39	88.43%



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/>

