

# 80 PLUS Verification and Testing Report

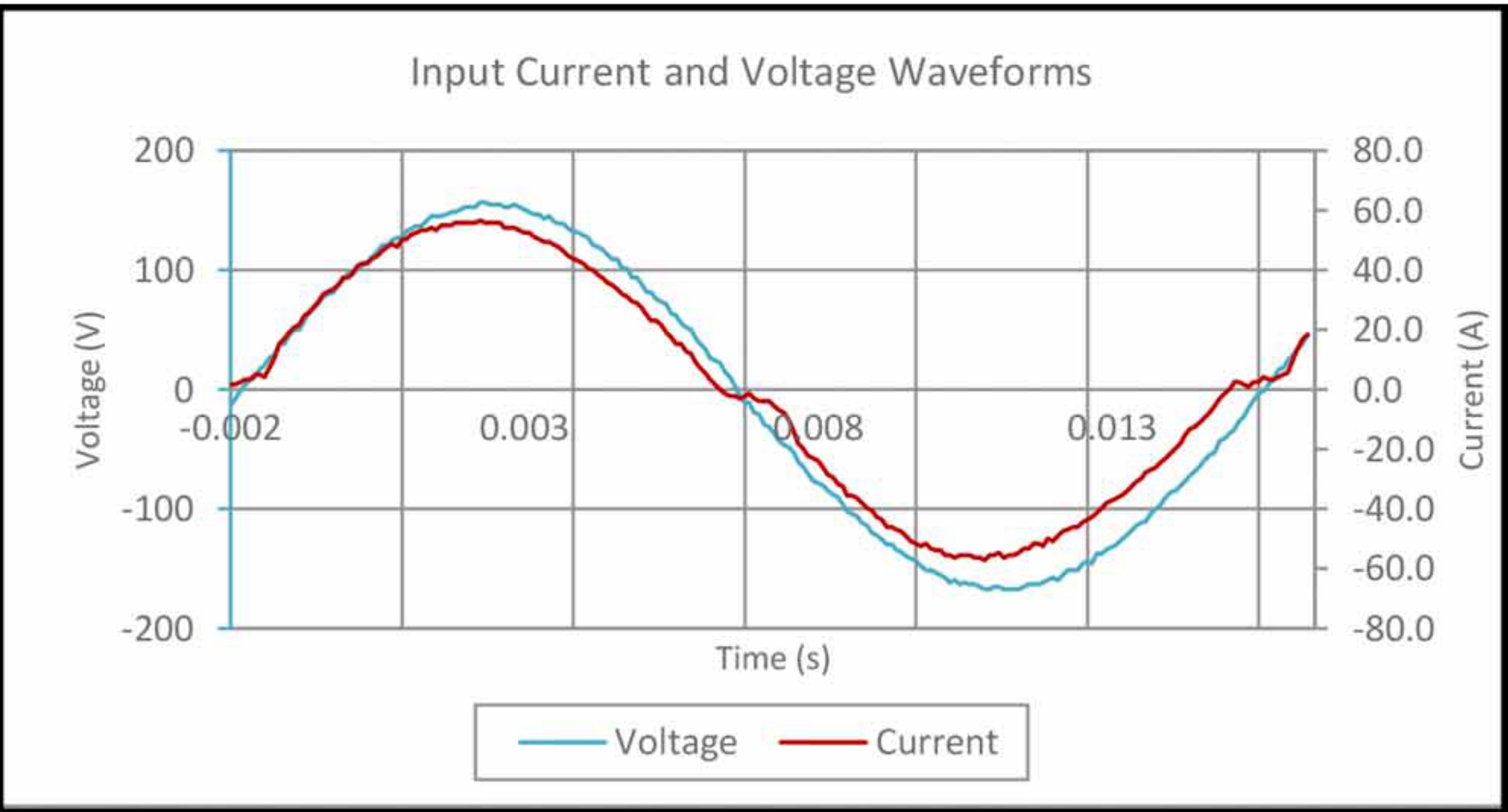


TYPICAL EFFICIENCY (50% Load):	91.05%
AVERAGE EFFICIENCY :	89.80%
80 PLUS COMPLIANT :	YES

Ecos ID #	6041
Manufacturer	Dongguan Golden Field Industrial Co., Ltd
Model Number	EPS800ELG(90+)
Serial Number	N/A
Year	2020
Type	EPS12V
Test Date	7/24/20

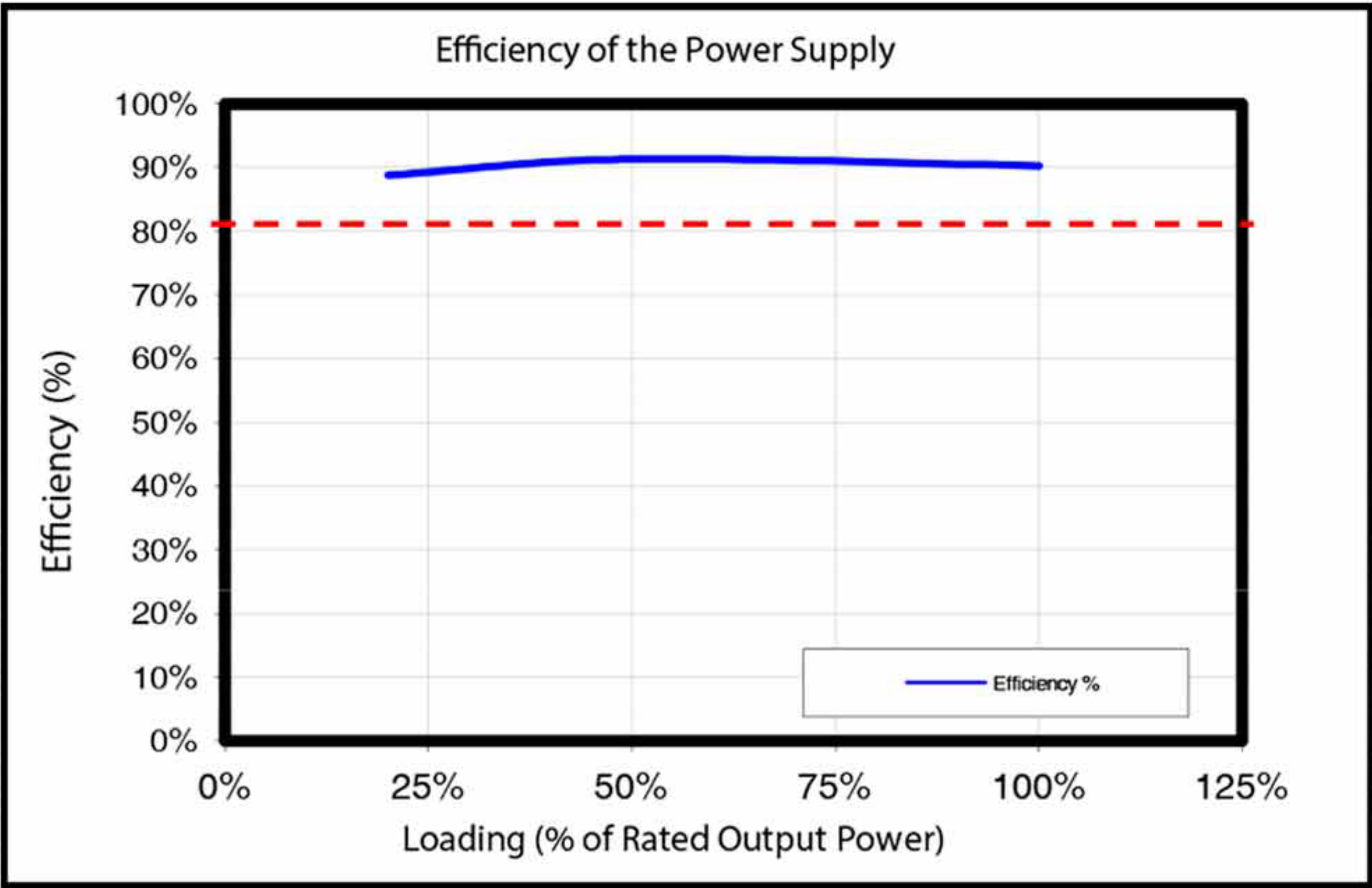
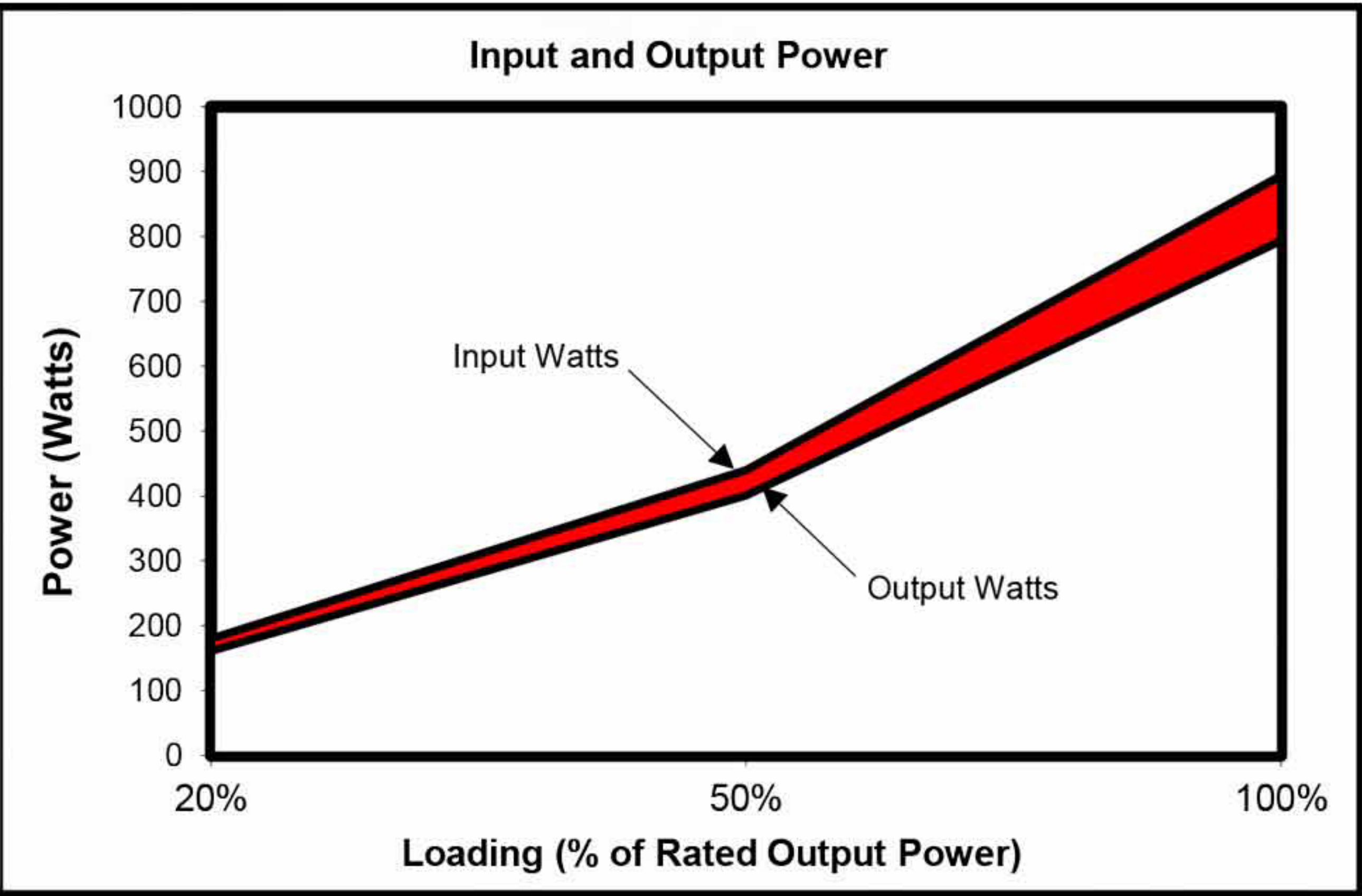
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	800	Watts

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



Input AC Current Waveform (ITHD = 7.25%, 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		
0.84	0.98	8.69%	10%	94.82	12.02/5.77	11.7/0.04	3.38/1.11	5.03/1.11	5.1/0.27	80.46	84.86%
1.59	0.98	14.20%	20%	179.55	12/11.53	11.69/0.09	3.36/2.23	5.02/2.22	5.08/0.54	160.85	89.59%
3.85	0.99	7.25%	50%	440.00	11.97/28.85	11.76/0.22	3.32/5.56	4.98/5.51	5.04/1.35	400.62	91.05%
7.80	1.00	4.66%	100%	893.80	11.89/57.54	11.95/0.45	3.24/11.14	4.93/11.02	4.97/2.69	793.31	88.76%



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/>

