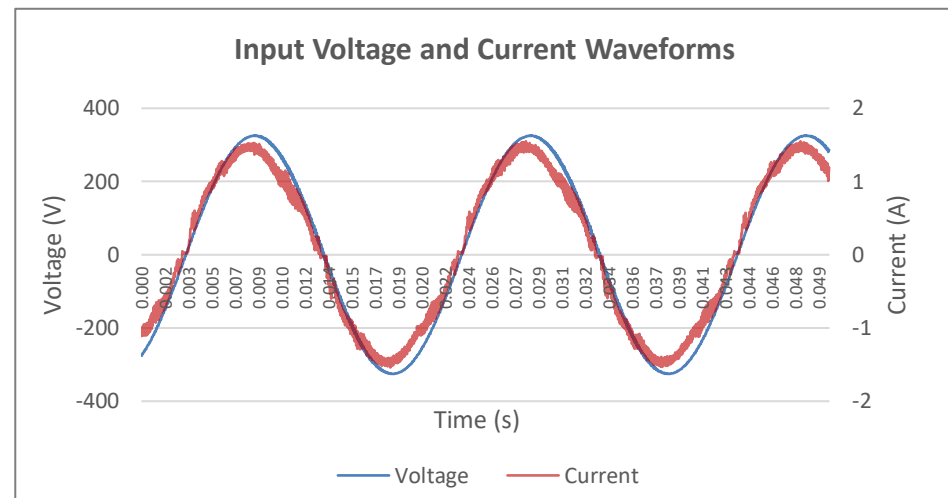


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	87.18%
AVERAGE EFFICIENCY :	79.79%
80 PLUS COMPLIANT:	Standard



ID Number	EU-1009
Manufacturer	SHENZHEN FPMAX INDUSTRY CO., LTD
Model Number	CF400
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	1/29/24

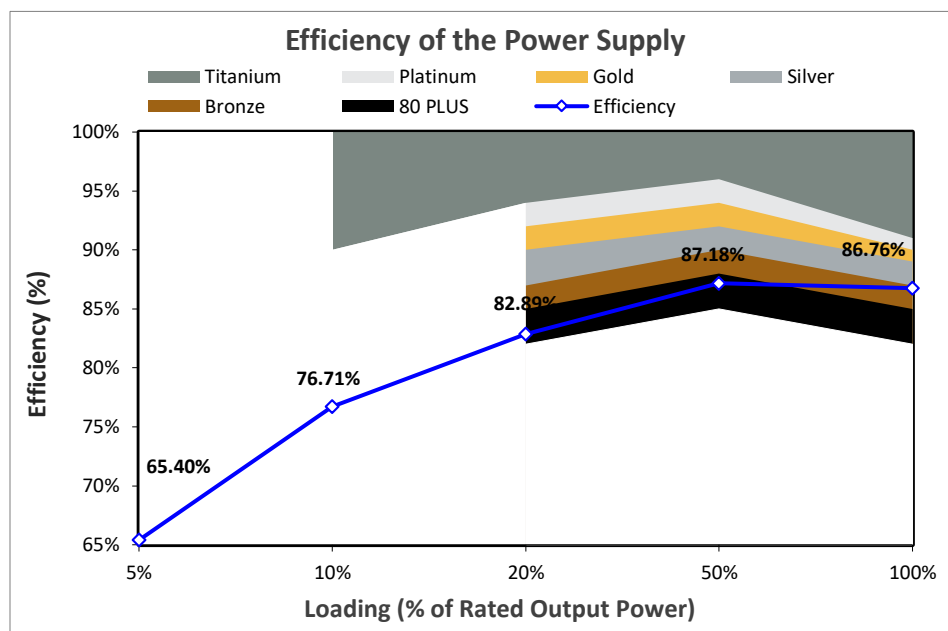
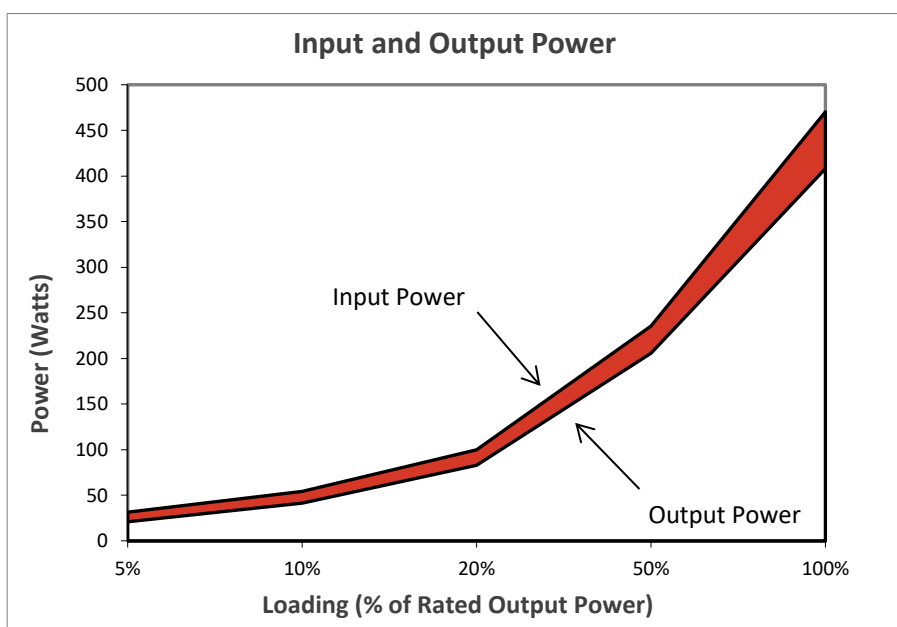


Input AC Current Waveform (ITHD = 5.12%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	230	Volts
Input Current	4	Amps
Input Frequency	50	Hz
Rated Output Power	400	Watts

Note: All measurements were taken with input voltage at 230V nominal at 50 Hz.

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			5Vstb
0.048	0.5596	50.98	0%	6.22	No-Load						
0.161	0.8526	39.33	5%	31.62	12.44/1.32	11.74/0.015	3.38/0.4	5.11/0.4	5.11/0.125	20.68	65.40%
0.259	0.9056	32.53	10%	53.88	12.44/2.65	11.72/0.03	3.37/0.8	5.11/0.8	5.1/0.25	41.33	76.71%
0.445	0.9722	11.46	20%	99.57	12.42/5.3	11.69/0.06	3.36/1.6	5.09/1.6	5.08/0.499	82.53	82.89%
1.031	0.9934	5.12	50%	235.59	12.38/13.24	11.7/0.15	3.33/4	5.05/3.99	5.03/1.248	205.39	87.18%
2.053	0.9960	5.87	100%	470.27	12.32/26.47	11.82/0.3	3.27/7.99	4.98/7.99	4.95/2.496	408.00	86.76%



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/>