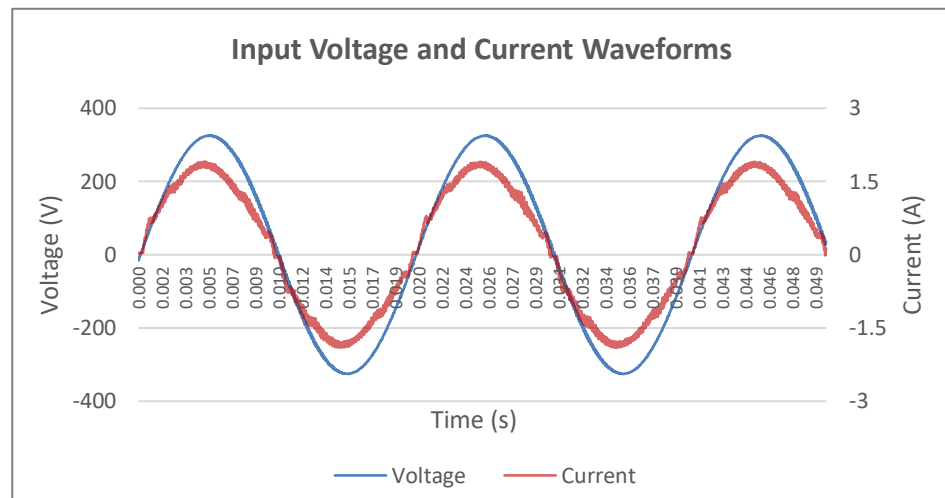


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	87.23%
AVERAGE EFFICIENCY :	80.83%
80 PLUS COMPLIANT:	Standard



ID Number	EU-1006
Manufacturer	SHENZHEN FPMAX INDUSTRY CO., LTD
Model Number	CF500
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	1/29/24

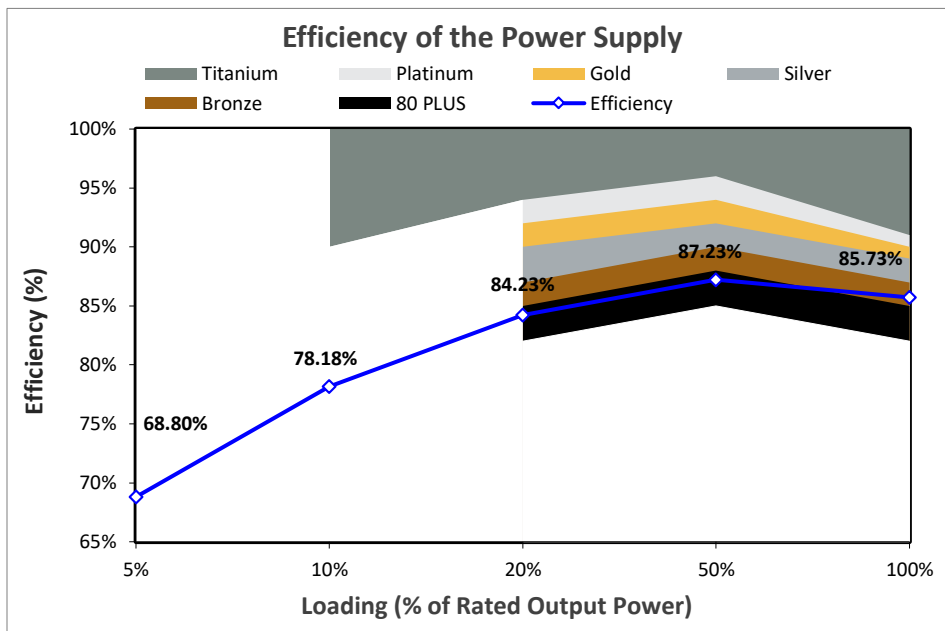
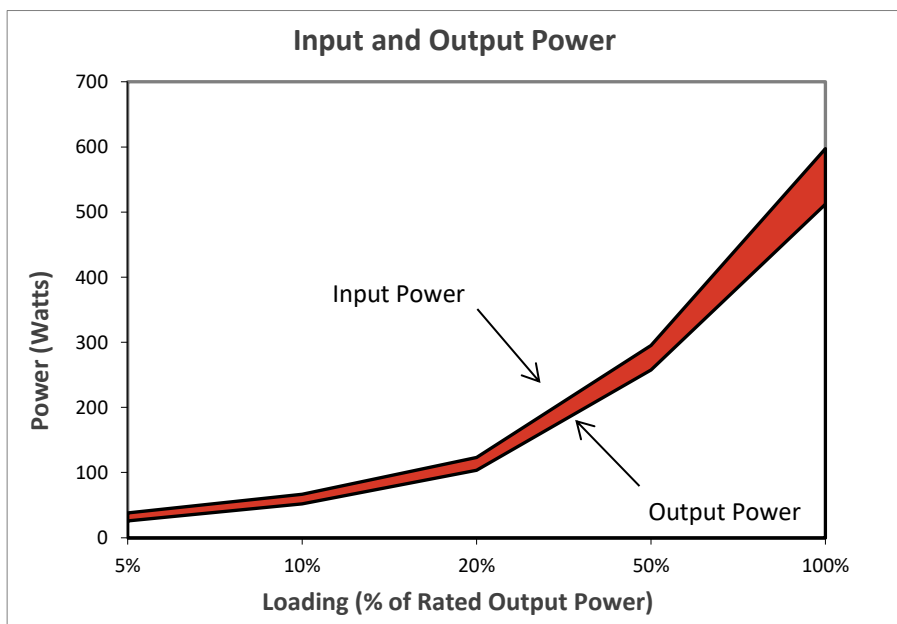


Input AC Current Waveform (ITHD = 5.12%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	230	Volts
Input Current	4	Amps
Input Frequency	50	Hz
Rated Output Power	500	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
0.052	0.5609	46.73	0%	6.75	No-Load						
0.190	0.8624	38.07	5%	37.79	12.53/1.74	11.94/0.015	3.36/0.4	5.1/0.4	5.13/0.125	26.00	68.80%
0.309	0.9360	24.22	10%	66.44	12.51/3.48	11.93/0.03	3.36/0.8	5.09/0.8	5.12/0.25	51.94	78.18%
0.547	0.9785	6.46	20%	123.10	12.5/6.96	11.93/0.06	3.35/1.6	5.08/1.6	5.09/0.5	103.69	84.23%
1.292	0.9942	5.12	50%	295.49	12.44/17.4	12.01/0.15	3.31/4	5.02/4	5.03/1.25	257.75	87.23%
2.608	0.9954	6.52	100%	597.27	12.38/34.8	12.26/0.3	3.23/8	4.93/8	4.91/2.499	512.01	85.73%



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/>