

80 PLUS Verification and Testing Report

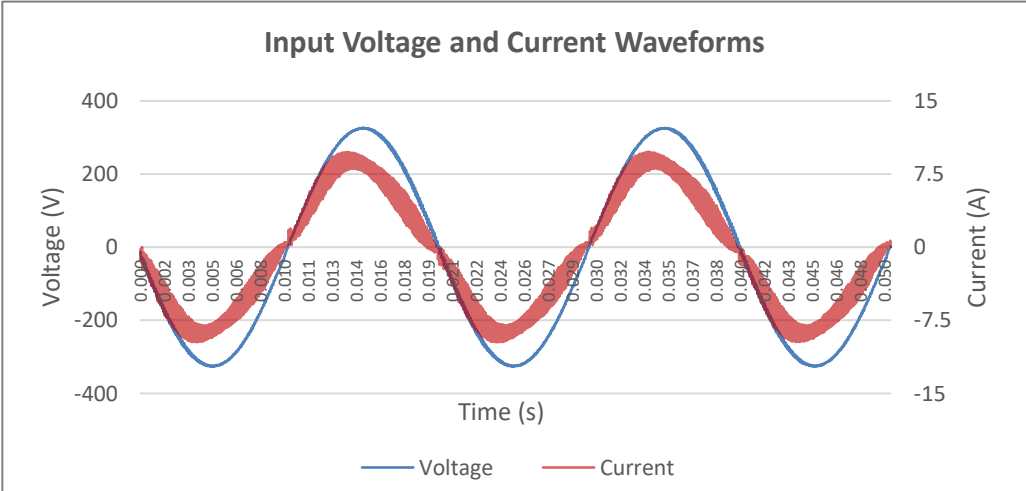
TYPICAL EFFICIENCY (50% Load):	94.38%
AVERAGE EFFICIENCY :	91.21%
80 PLUS COMPLIANT:	Platinum



ID Number	EU-1070
Manufacturer	FSP Technology Inc.
Model Number	FSP2500-57APB
Serial Number	S4101000022
Type	ATX12V, EPS12V
Test Date	6/18/24

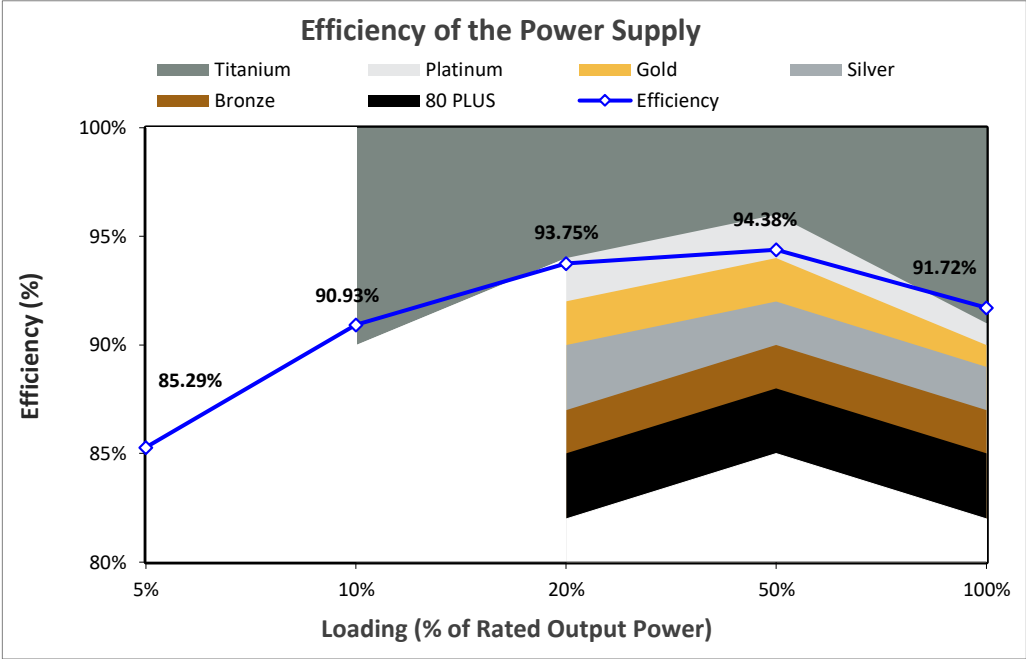
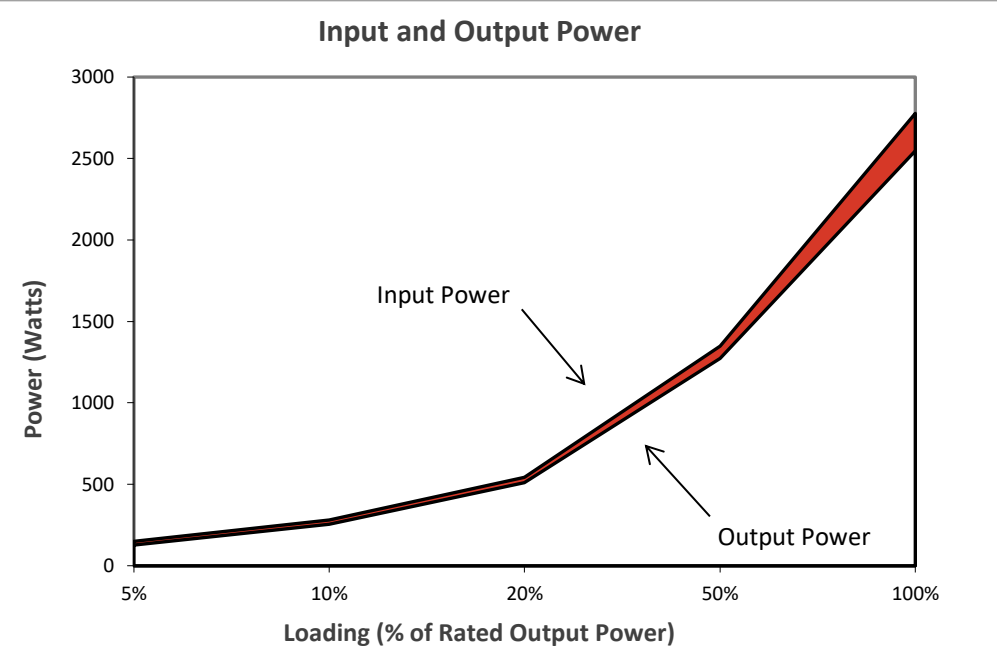
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	15	Amps
Input Frequency	60-50	Hz
Rated Output Power	2500	Watts

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



Input AC Current Waveform (ITHD = 7.09%, 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	5Vstb		
0.324	0.2548	21.84	0%	19.02	No-Load						
0.899	0.7208	18.43	5%	149.12	12.2/9.73	12.21/0.023	3.38/0.84	5.08/0.84	5.2/0.187	127.18	85.29%
1.448	0.8403	15.90	10%	279.84	12.21/19.47	12.26/0.047	3.4/1.69	5.09/1.69	5.19/0.374	254.45	90.93%
2.527	0.9337	8.45	20%	542.63	12.2/38.93	12.36/0.093	3.42/3.38	5.12/3.38	5.17/0.747	508.74	93.75%
5.985	0.9796	7.09	50%	1348.57	12.19/97.32	12.68/0.234	3.51/8.44	5.21/8.44	5.13/1.869	1272.82	94.38%
12.277	0.9835	9.38	100%	2776.99	12.18/194.63	13.22/0.467	3.66/16.89	5.35/16.89	5.07/3.737	2547.07	91.72%



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/>