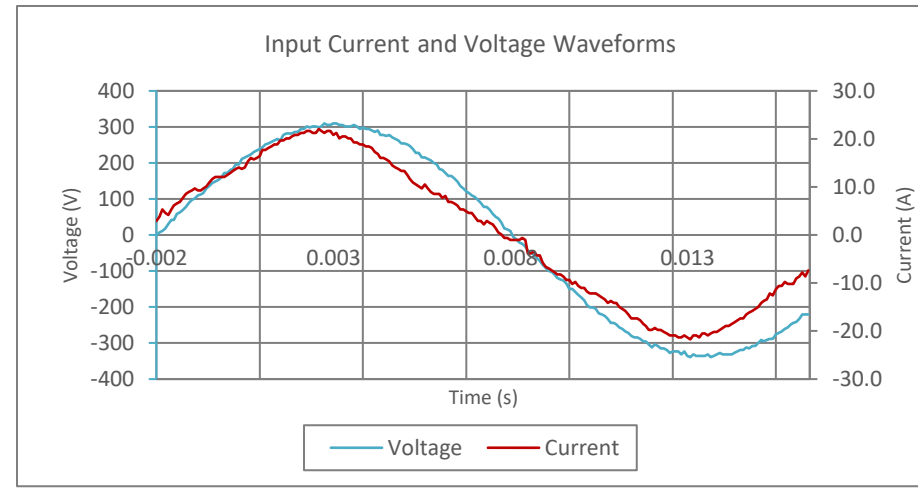


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	88.51%
AVERAGE EFFICIENCY :	87.04%
80 PLUS COMPLIANT:	YES



ID Number	EU-648
Manufacturer	FSP Technology Inc.
Model Number	FSP550-51AAC
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	3/11/20

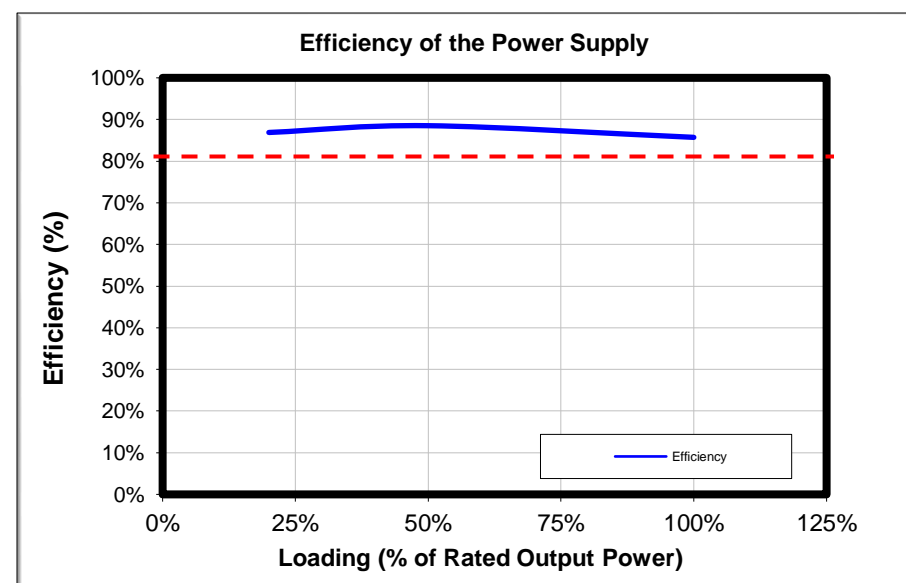
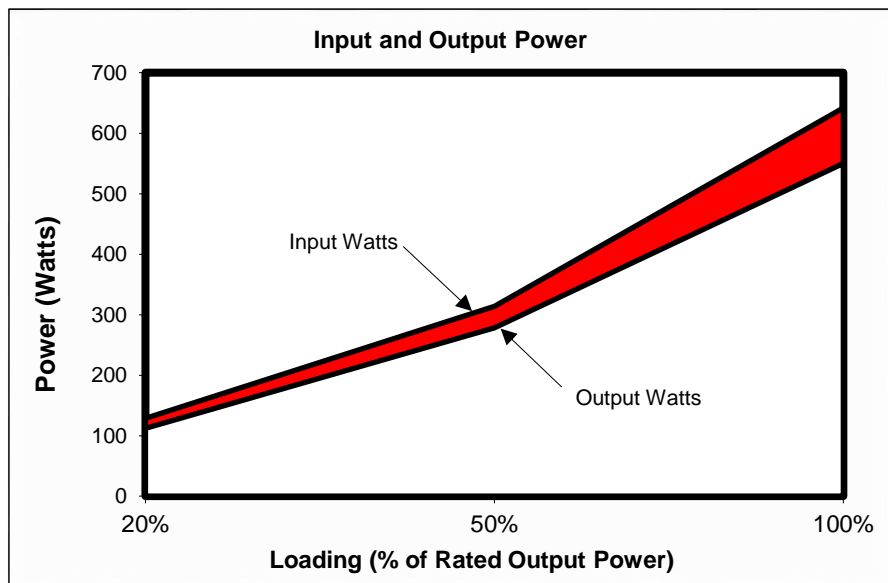


Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	4	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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

Input AC Current Waveform (ITHD = 9.68%, 50% Load)

I _{RMS}	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		
0.33	0.91	21.27%	10%	68.60	12.19/3.8	12.1/0.02	3.38/1	5.02/1	5.1/0.21	56.05	81.70%
0.58	0.96	8.48%	20%	128.68	12.17/7.6	12.11/0.05	3.36/1.99	5.01/1.98	5.08/0.41	111.80	86.89%
1.39	0.99	9.68%	50%	314.10	12.11/19.01	12.16/0.12	3.33/4.98	4.98/4.94	5.02/1.03	278.01	88.51%
2.83	0.99	13.18%	100%	641.70	12.01/37.94	12.29/0.25	3.28/9.96	4.92/9.85	4.92/2.06	550.01	85.71%



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/>

