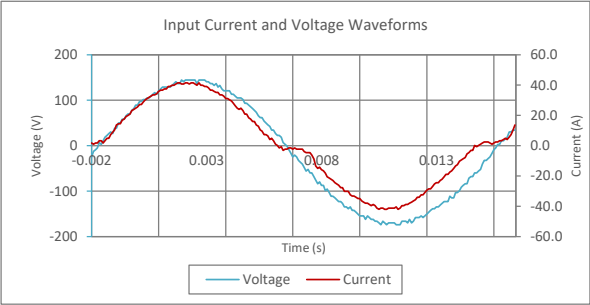


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.03%
AVERAGE EFFICIENCY :	88.54%
80 PLUS COMPLIANT:	YES



ID Number	6059.1
Manufacturer	FSP Technology Inc
Model Number	FSP550-50ABA
Serial Number	S0131030009
Year	2020
Type	ATX12V
Test Date	8/11/20

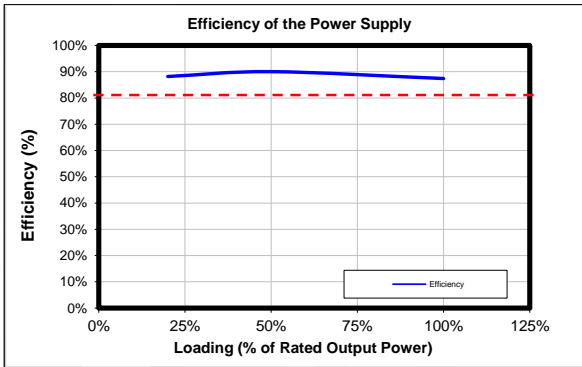
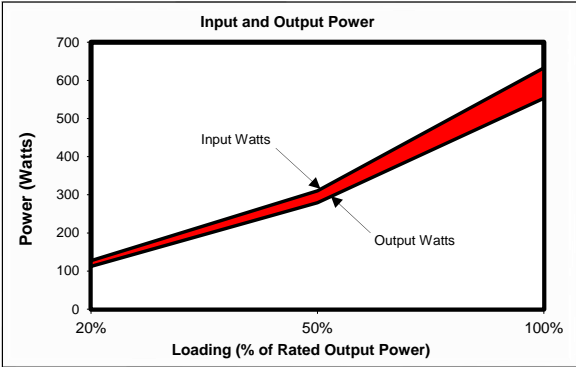


Input AC Current Waveform (ITHD = 12.33%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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

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.)						
0.60	0.97	11.13%	10%	66.74	12.2/3.78	11.51/0.02	3.35/0.99	5.12/0.99	5.04/0.25	56.01	83.92%
1.12	0.99	12.56%	20%	127.14	12.18/7.57	11.42/0.05	3.34/1.98	5.18/1.97	5.02/0.49	112.11	88.18%
2.73	0.99	12.33%	50%	310.20	12.15/18.95	11.43/0.12	3.32/4.96	5.08/4.92	4.98/1.23	279.26	90.03%
5.54	0.99	8.81%	100%	632.70	12.07/37.81	11.58/0.25	3.27/9.92	5.03/9.82	4.91/2.47	553.05	87.41%



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/>

