

80 PLUS Verification and Testing Report

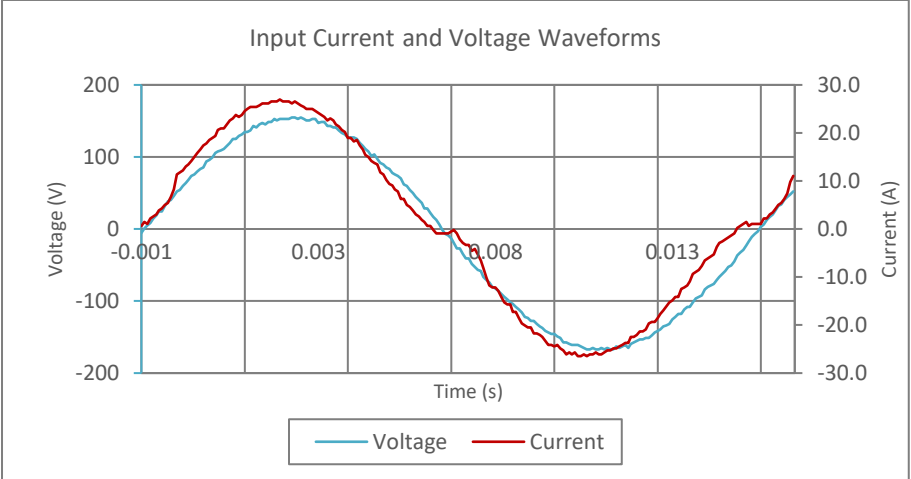
TYPICAL EFFICIENCY (50% Load):	87.52%
AVERAGE EFFICIENCY :	85.62%
80 PLUS COMPLIANT:	YES



ID Number	5532
Manufacturer	FSP Technology Inc.
Model Number	FSP350-50SAC
Serial Number	N/A
Year	2019
Type	SFX
Test Date	3/26/19

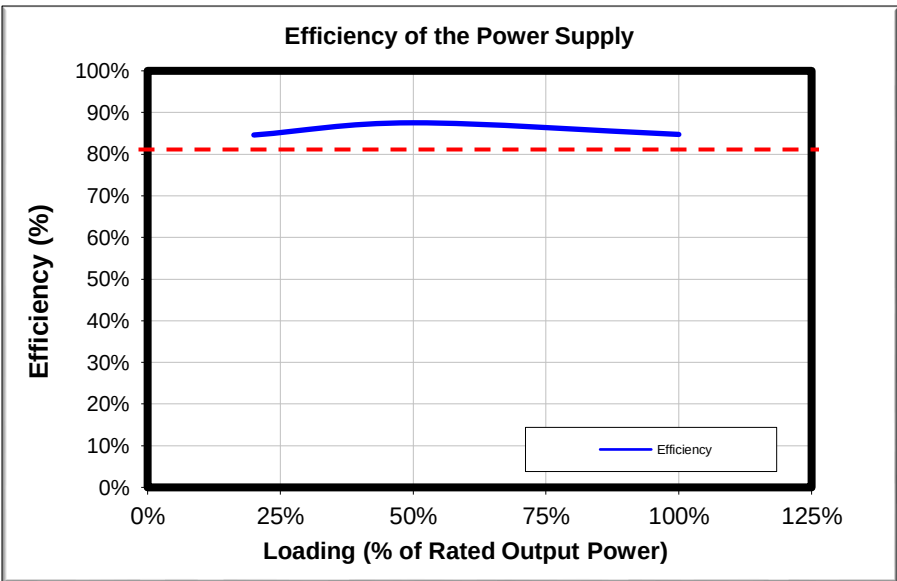
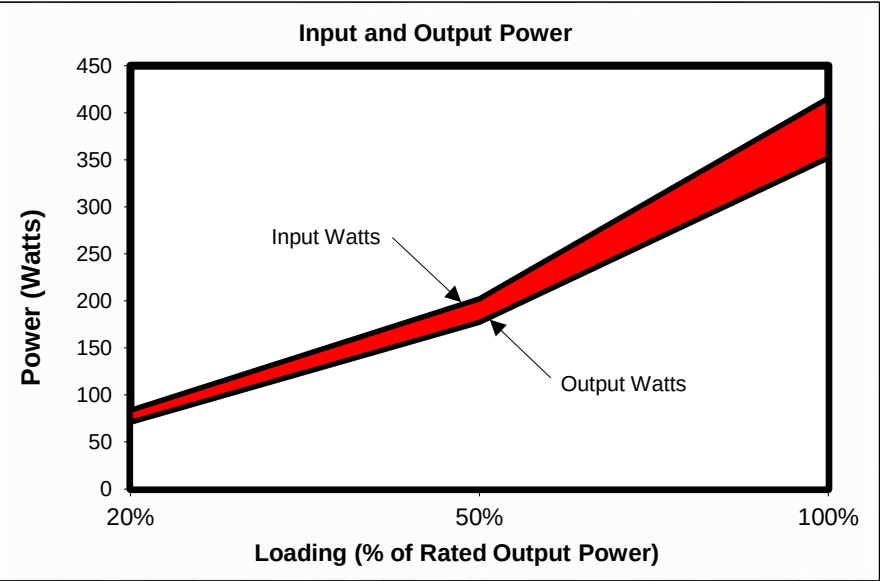
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5-2	Amps
Input Frequency	50-60	Hz
Rated Output Power	350	Watts

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



Input AC Current Waveform (ITHD = 10.3%, 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		
0.41	0.97	10.46%	10%	45.47	12.17/2.2	12.11/0.02	3.38/0.9	5.08/0.9	4.89/0.19	35.62	78.33%
0.74	0.99	11.12%	20%	83.96	12.16/4.38	12.1/0.05	3.37/1.81	5.07/1.8	4.85/0.38	71.02	84.59%
1.78	0.99	10.30%	50%	202.40	12.12/11.02	12.1/0.11	3.34/4.52	5.03/4.48	4.84/0.94	177.15	87.52%
3.65	0.99	10.63%	100%	415.40	12.08/22	12.14/0.23	3.29/9.06	4.97/8.96	4.86/1.88	351.97	84.73%



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/>

