

80 PLUS Verification and Testing Report

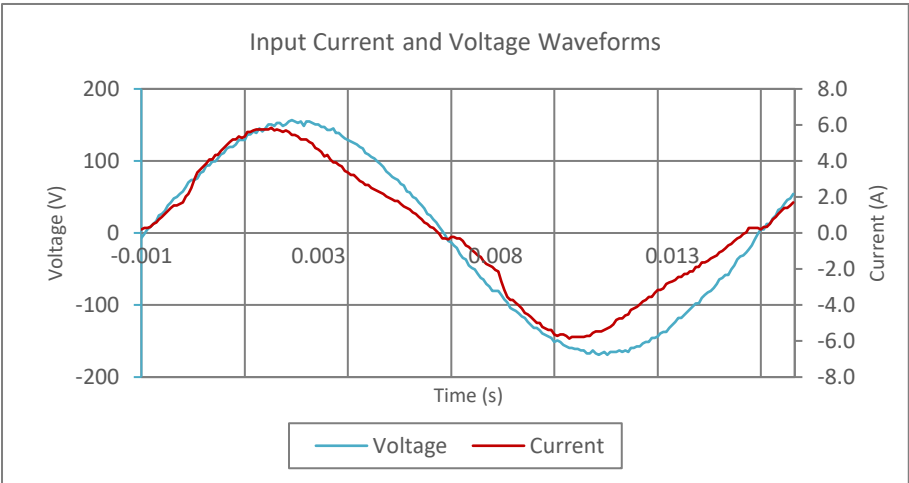
TYPICAL EFFICIENCY (50% Load):	91.21%
AVERAGE EFFICIENCY :	89.77%
80 PLUS COMPLIANT:	YES



ID Number	5831.14
Manufacturer	Super Flower
Model Number	SF-750C12FG
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	12/19/19

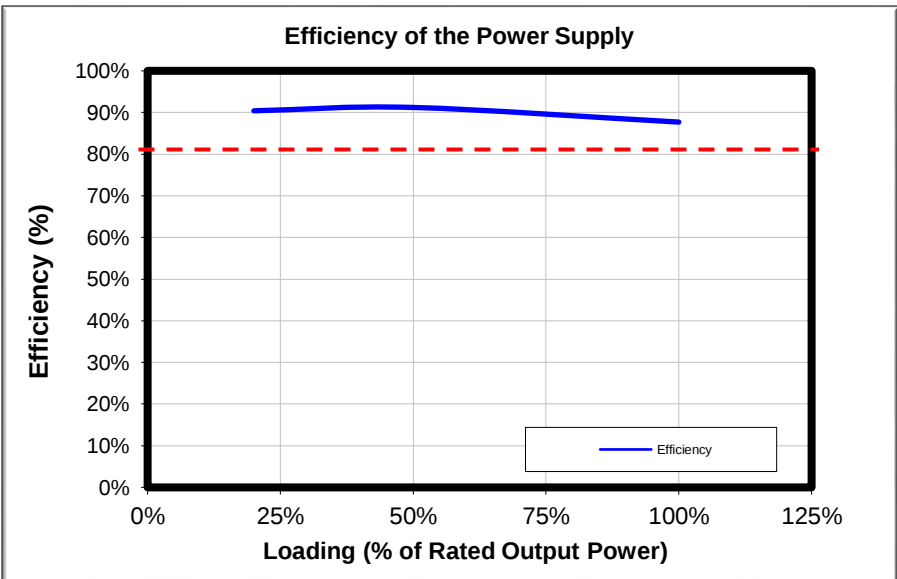
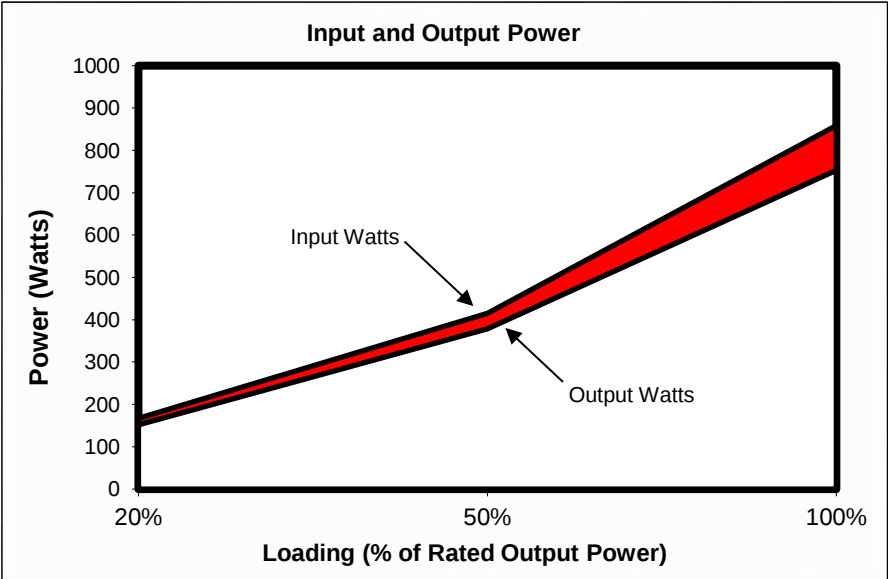
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	47-63	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 14.82%, 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		
0.80	0.95	16.03%	10%	87.16	12.03/5.37	12.23/0.03	3.35/1.14	5.03/1.14	5.07/0.21	75.52	86.64%
1.49	0.98	13.91%	20%	167.40	12.05/10.74	11.95/0.05	3.35/2.29	5.03/2.28	5.06/0.43	151.34	90.40%
3.68	0.98	14.82%	50%	415.50	12.08/26.85	11.76/0.13	3.34/5.71	5.02/5.66	5.02/1.07	378.99	91.21%
7.58	0.99	11.98%	100%	858.60	12.02/53.61	12.06/0.26	3.34/11.44	5.01/11.32	4.95/2.14	752.94	87.69%



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/>