

80 PLUS Verification and Testing Report

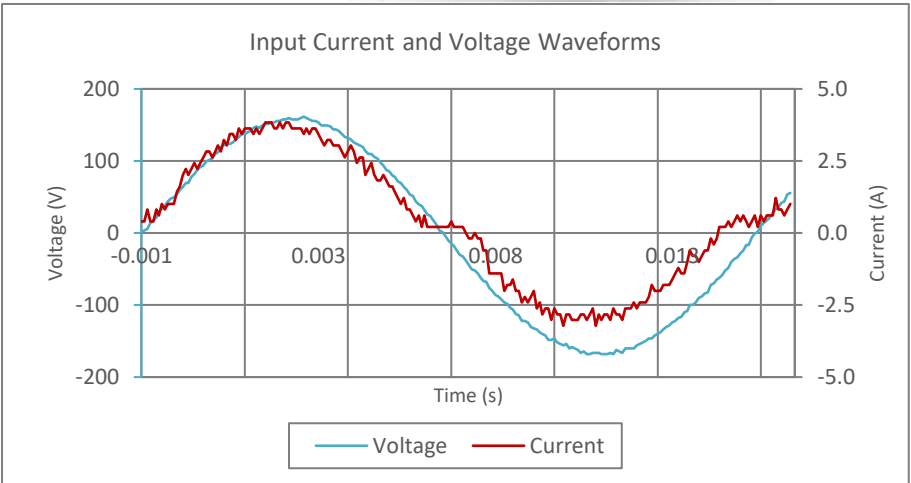
TYPICAL EFFICIENCY (50% Load):	87.66%
AVERAGE EFFICIENCY :	85.81%
80 PLUS COMPLIANT:	YES



ID Number	6487
Manufacturer	Fractal Design
Model Number	Anode SFX Bronze
Serial Number	N/A
Year	2021
Type	SFX
Test Date	2/25/21

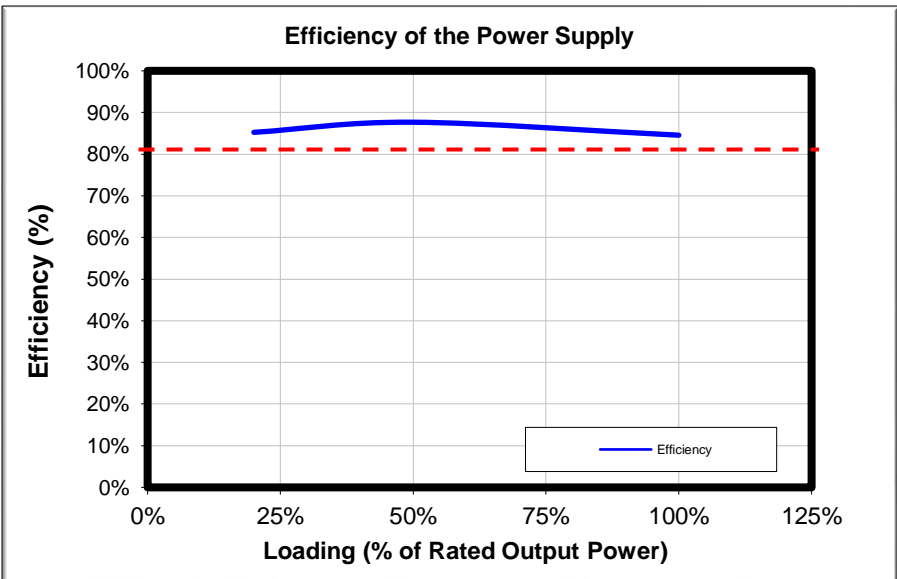
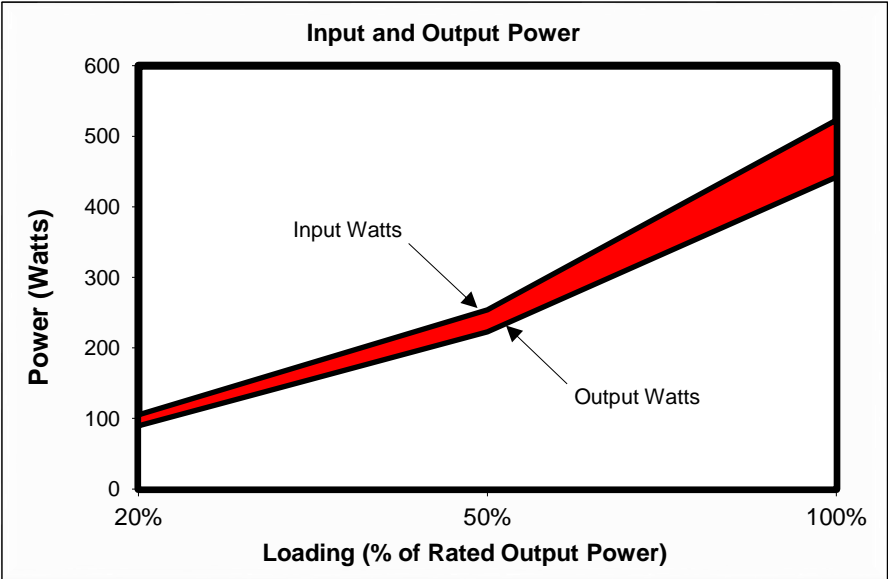
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-2.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	450	Watts

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



Input AC Current Waveform (ITHD = 11.65%, 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		
0.51	0.98	9.97%	10%	57.05	11.88/3.07	11.77/0.02	3.34/0.84	5.1/0.84	5.03/0.2	44.78	78.49%
0.92	0.99	5.32%	20%	105.07	11.87/6.14	11.76/0.05	3.32/1.67	5.09/1.67	4.98/0.41	89.55	85.23%
2.23	0.99	11.65%	50%	254.20	11.82/15.38	11.77/0.12	3.28/4.18	5.05/4.15	4.96/1.02	222.84	87.66%
4.59	0.99	10.00%	100%	522.90	11.75/30.73	11.9/0.24	3.22/8.37	5/8.28	4.97/2.04	442.09	84.55%



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/>