

80 PLUS Verification and Testing Report

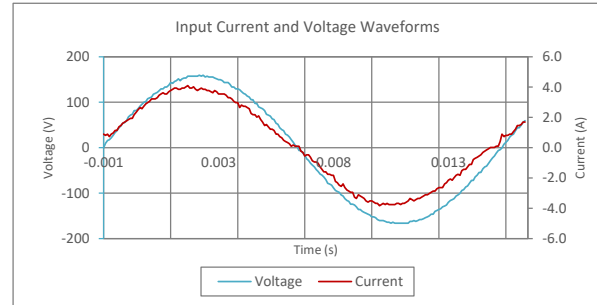
TYPICAL EFFICIENCY (50% Load):	92.35%
AVERAGE EFFICIENCY :	91.41%
80 PLUS COMPLIANT:	YES



ID Number	6476
Manufacturer	Fractal Design
Model Number	FD-P-1A2P-560
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	2/24/21

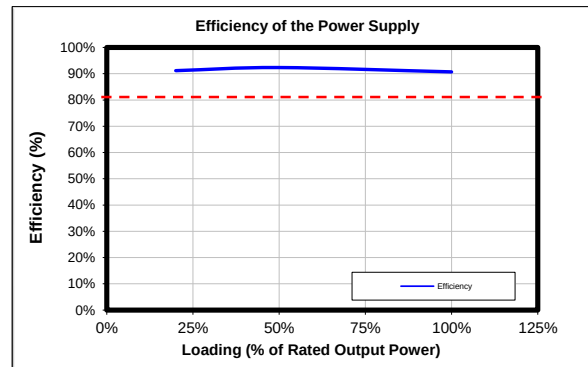
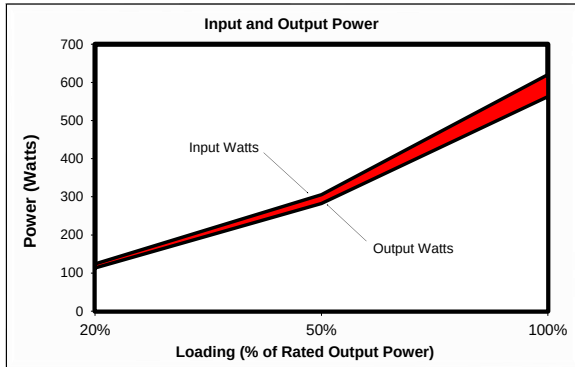
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	560	Watts

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



Input AC Current Waveform (I_{THD} = 4.93%, 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		
0.60	0.95	18.78%	10%	65.64	12.09/3.82	12.08/0.02	3.32/1.08	5.04/1.08	5.04/0.24	56.64	86.29%
1.10	0.98	11.26%	20%	124.00	12.09/7.61	11.76/0.05	3.32/2.16	5.03/2.15	5.02/0.49	113.05	91.17%
2.67	0.99	4.93%	50%	305.70	12.06/19.08	11.5/0.12	3.31/5.4	5.02/5.35	5/1.22	282.33	92.35%
5.41	1.00	4.22%	100%	620.30	12.03/38.1	11.81/0.24	3.31/10.81	5.02/10.69	4.97/2.44	562.61	90.70%



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/>