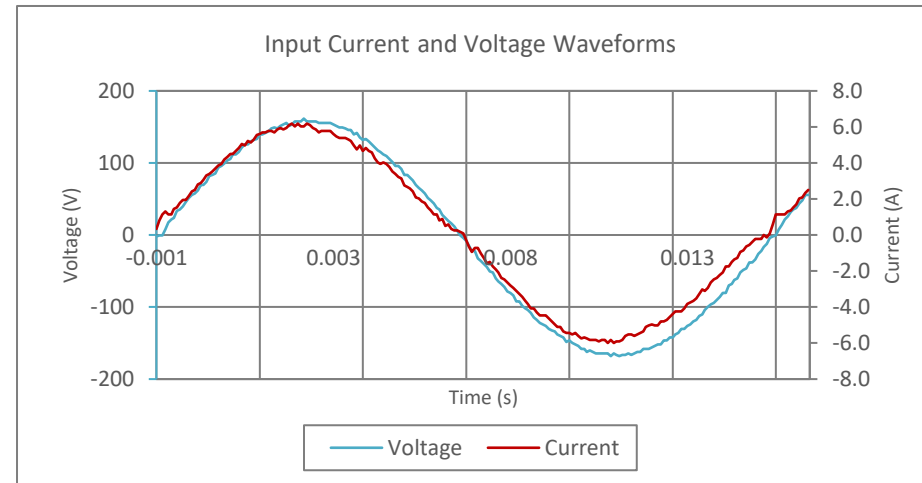


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>92.53%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>91.42%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	6481
<b>Manufacturer</b>	Fractal Design
<b>Model Number</b>	FD-P-IA2P-860
<b>Serial Number</b>	N/A
<b>Year</b>	2021
<b>Type</b>	ATX12V
<b>Test Date</b>	2/25/21

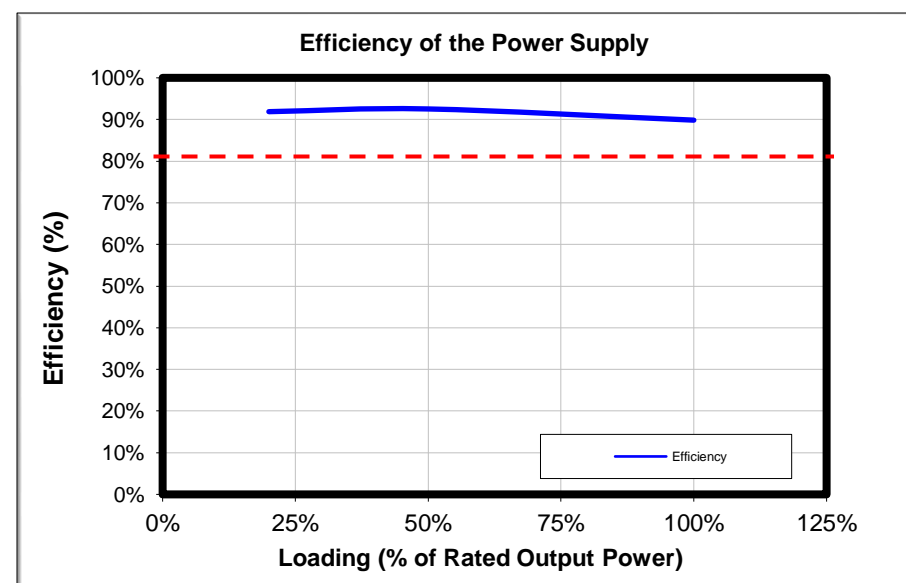
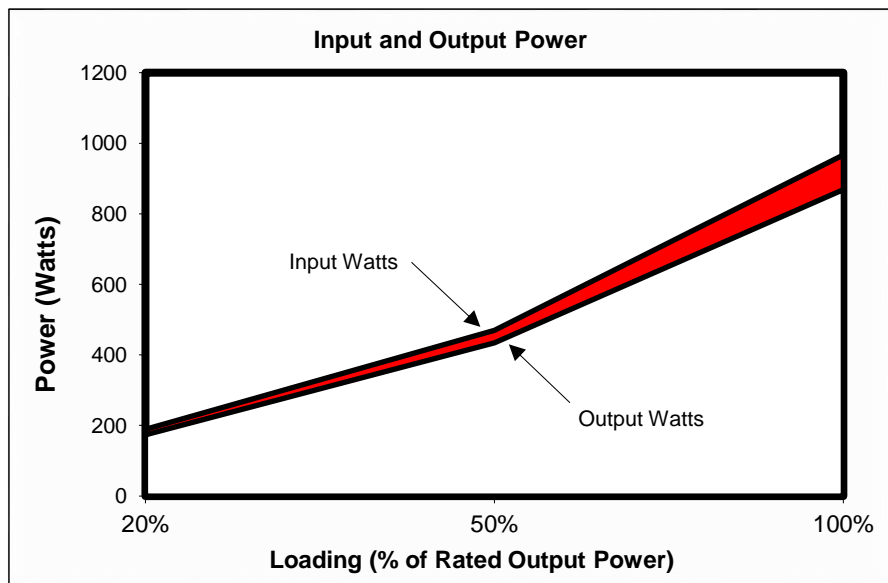


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>860</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 3.75%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	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
0.89	0.97	18.94%	10%	98.90	12.12/6.2	12.02/0.03	3.32/1.25	5/1.25	4.99/0.26	87.14	88.11%
1.66	0.99	11.30%	20%	189.20	12.12/12.38	11.7/0.05	3.32/2.49	4.99/2.48	4.98/0.52	173.83	91.88%
4.10	1.00	3.75%	50%	469.80	12.1/30.98	11.7/0.13	3.33/6.24	5.01/6.18	4.98/1.29	434.70	92.53%
8.42	1.00	3.36%	100%	966.80	12.09/61.93	12.1/0.26	3.4/12.48	5/12.34	4.94/2.59	868.58	89.84%



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/>