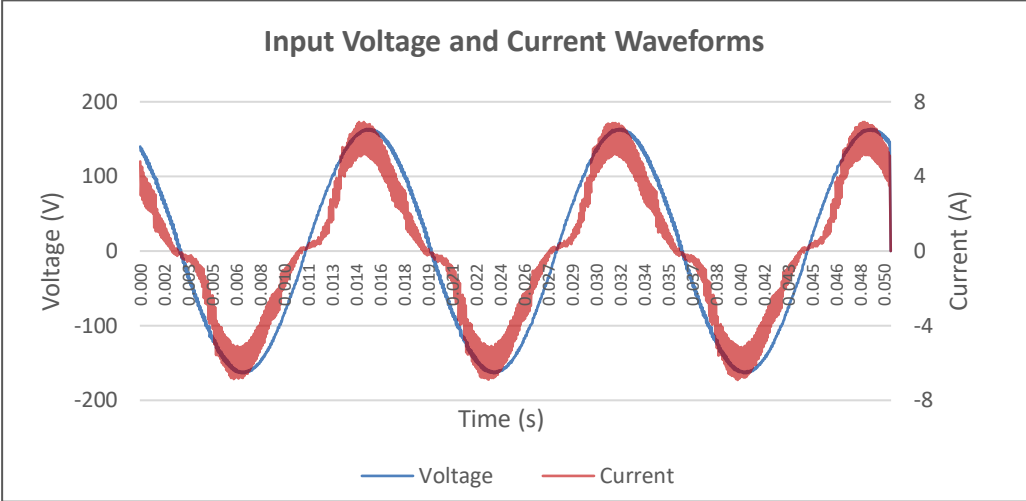


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.04%
AVERAGE EFFICIENCY :	87.04%
80 PLUS COMPLIANT:	Gold



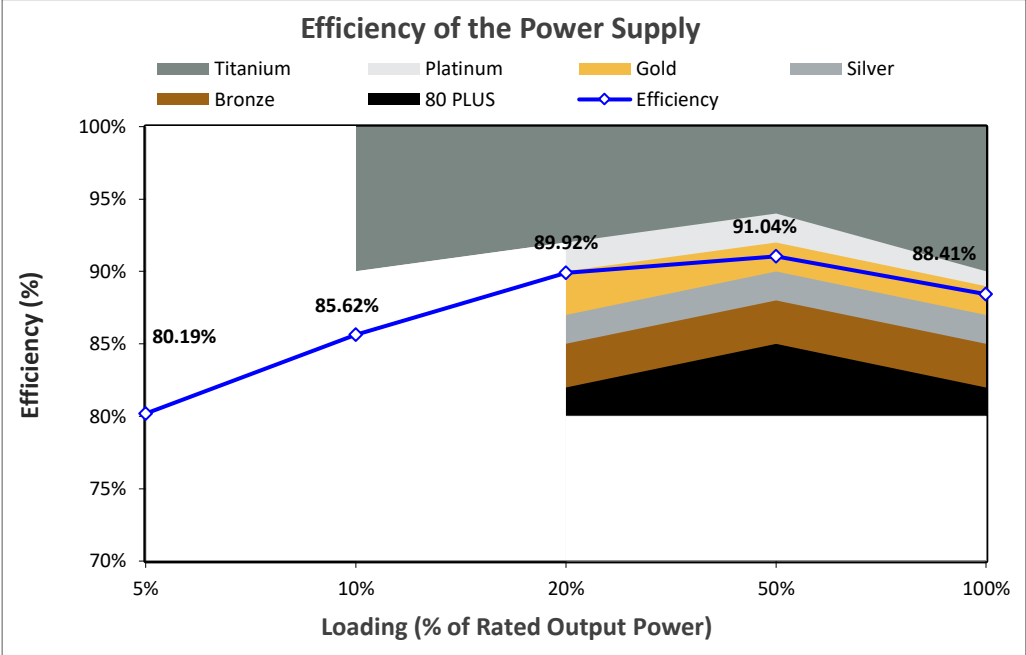
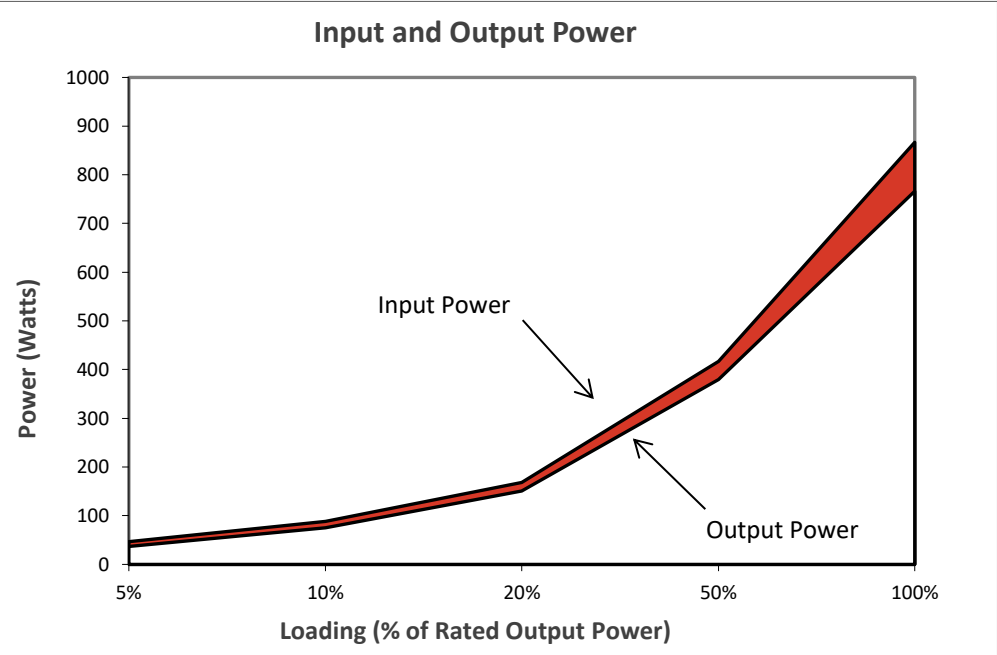
ID Number	7435.2
Manufacturer	Fractal Design
Model Number	FD-P-IA3G-750(Ion 3 Gold 750W)
Serial Number	N/A
Type	ATX12V
Test Date	6/6/24



Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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

I _{RMS} (A)	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	5Vstb		
0.101	0.3688	22.93	0%	4.29	No-Load						
0.465	0.8720	38.75	5%	46.61	11.93/2.7	11.85/0.013	3.35/0.52	5.05/0.52	5.1/0.13	37.37	80.19%
0.844	0.9085	33.11	10%	88.23	12.08/5.39	11.88/0.026	3.35/1.05	5.05/1.05	5.09/0.261	75.54	85.62%
1.555	0.9400	26.89	20%	168.02	12.08/10.78	11.92/0.052	3.35/2.1	5.06/2.1	5.08/0.522	151.08	89.92%
3.737	0.9695	21.12	50%	416.75	12.15/26.96	12.06/0.13	3.35/5.24	5.06/5.24	5.03/1.304	379.41	91.04%
7.648	0.9853	14.92	100%	866.80	12.3/53.91	12.28/0.261	3.35/10.48	5.07/10.48	4.95/2.607	766.37	88.41%



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/>