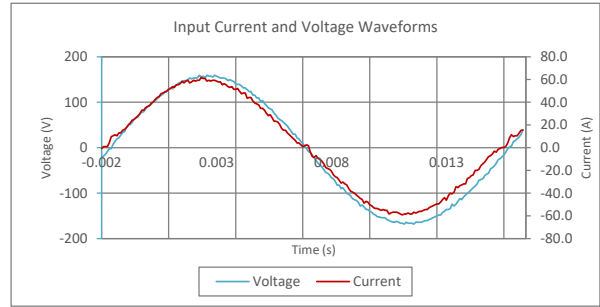


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.21%
AVERAGE EFFICIENCY :	90.11%
80 PLUS COMPLIANT:	YES



ID Number	6097
Manufacturer	Fractal Design (FD Sweden AB)
Model Number	FD-P-IA2G-850
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	9/15/20

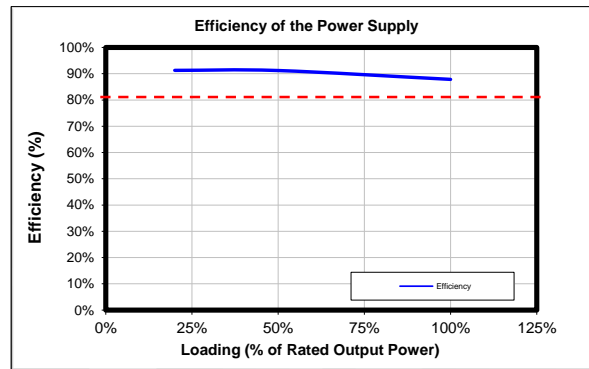
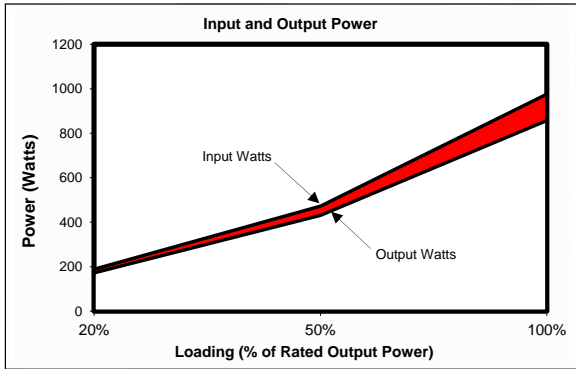


Input AC Current Waveform (ITHD = 3.9%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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

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
0.90	0.97	18.22%	10%	99.53	12.14/6.1		12.05/0.03	3.34/1.24	5.03/1.24	5.03/0.26	86.02	86.43%
1.66	0.99	11.20%	20%	188.47	12.14/12.19		12.05/0.05	3.36/2.49	5.03/2.48	5.03/0.52	172.04	91.28%
4.11	1.00	3.90%	50%	471.90	12.11/30.59		12.02/0.13	3.39/6.22	5.01/6.17	4.99/1.29	430.44	91.21%
8.49	1.00	3.10%	100%	975.70	12.08/61.12		12.08/0.26	3.35/12.46	5.01/12.32	4.96/2.58	857.10	87.84%



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/>

