

80 PLUS Verification and Testing Report

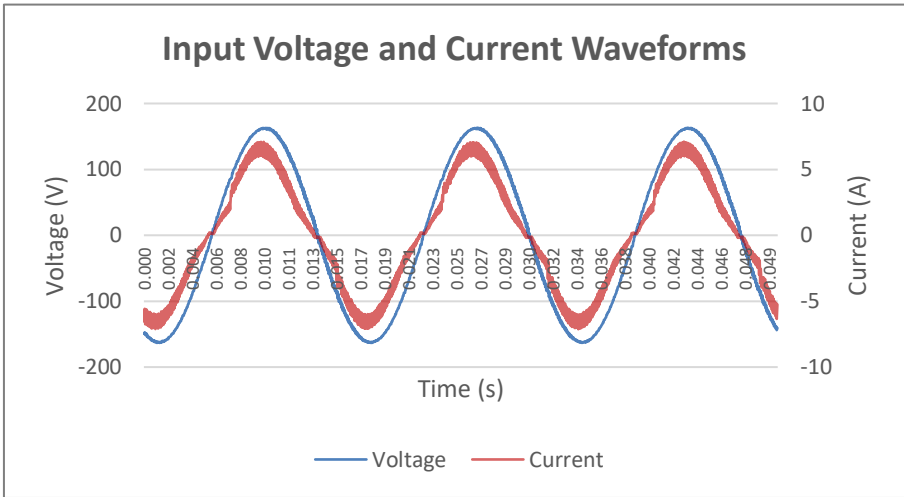
TYPICAL EFFICIENCY (50% Load):	90.98%
AVERAGE EFFICIENCY :	87.62%
80 PLUS COMPLIANT:	Gold



ID Number	7030
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	SSR-850FX3 (FOCUS GX-850 ATX3.0)
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	4/25/23

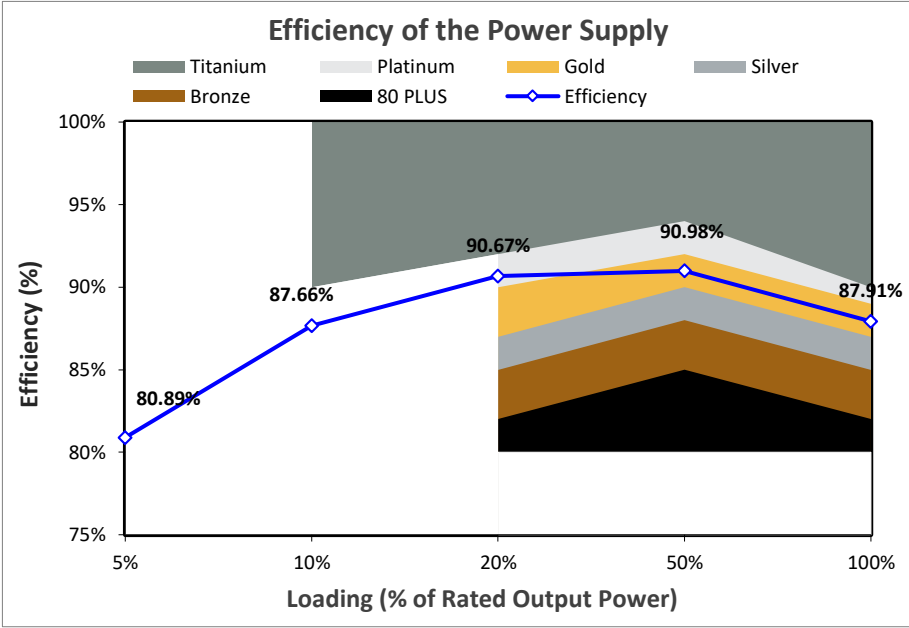
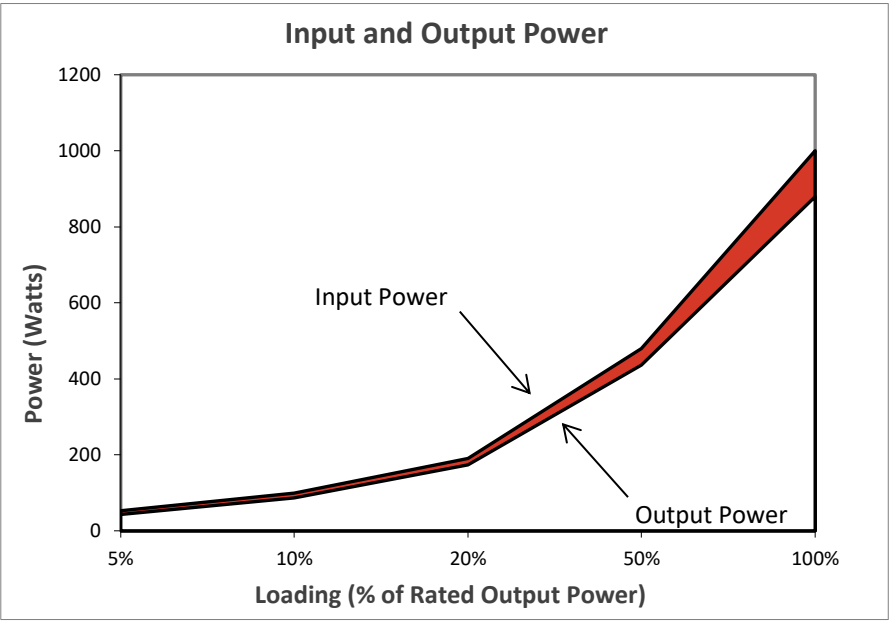
Rated Specifications	Value	Units
Input Voltage	100-240/200-240	Volts
Input Current	11-5.5/5.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 13.35%, 50% Load)

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		
0.122	0.2087	21.54	0%	2.94	No-Load						
0.508	0.9048	11.34	5%	52.89	12.03/3.12	11.88/0.01	3.34/0.53	5.05/0.53	5.12/0.13	42.78	80.89%
0.895	0.9567	10.26	10%	98.45	12.18/6.21	11.82/0.03	3.26/1.07	5.04/1.07	5.13/0.27	86.31	87.66%
1.698	0.9763	12.09	20%	190.61	12.2/12.42	11.88/0.06	3.34/2.14	5.04/2.13	5.1/0.53	172.83	90.67%
4.226	0.9856	13.35	50%	479.10	12.29/31.18	11.9/0.13	3.34/5.33	5.04/5.29	5.08/1.33	435.88	90.98%
8.776	0.9912	11.13	100%	1000.12	12.43/62.21	11.92/0.27	3.36/10.65	5.04/10.58	5.04/2.66	879.25	87.91%



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/>