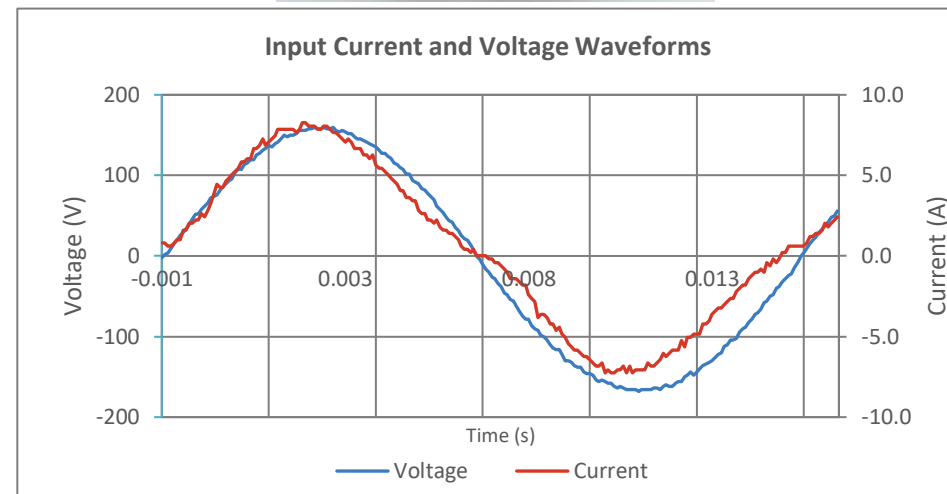


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.52%
AVERAGE EFFICIENCY :	89.05%
80 PLUS COMPLIANT:	Gold



ID Number	6895
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	12102GXAFS (VERTEX GX-1000)
Serial Number	N/A
Year	2022
Type	ATX12V
Test Date	10/21/22

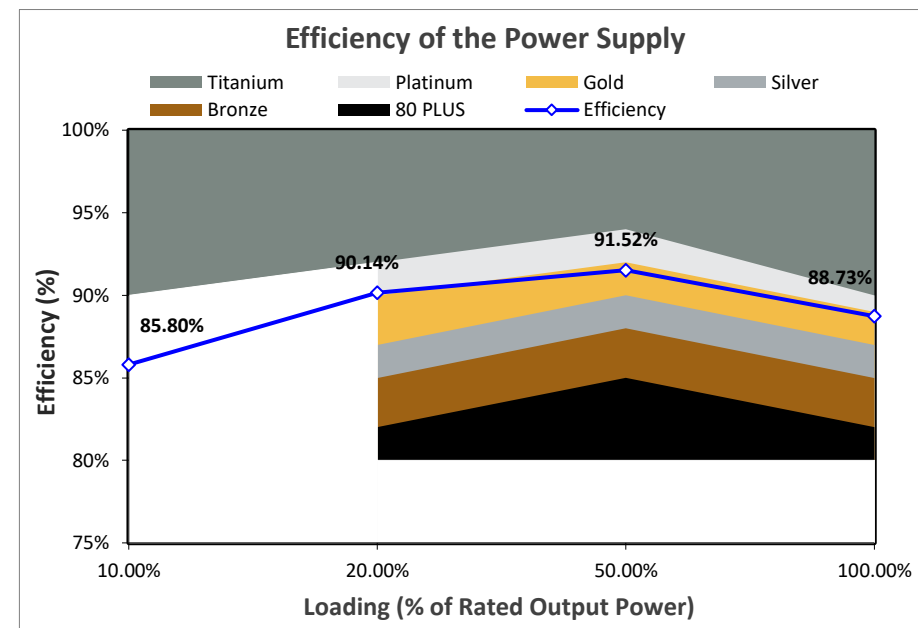
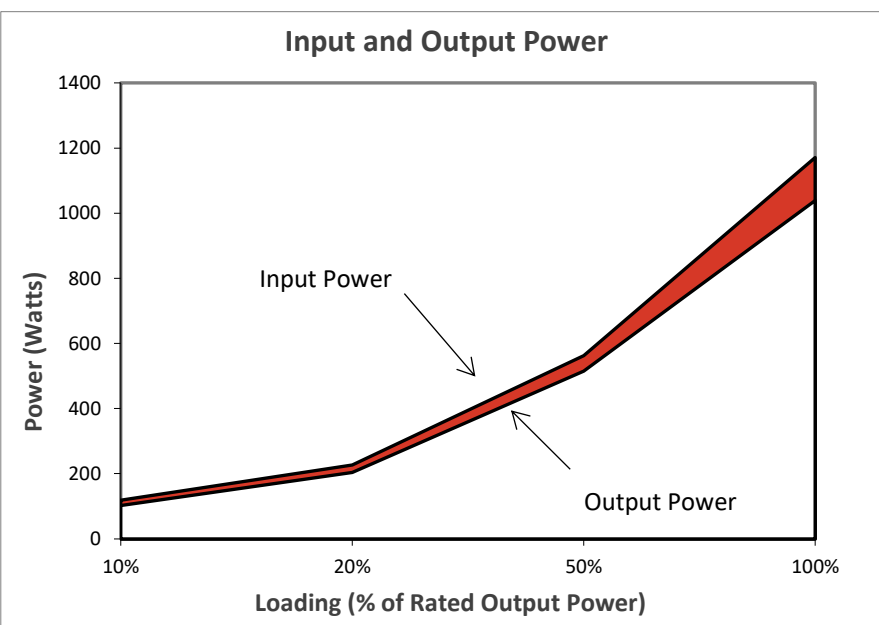


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13-6.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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

Input AC Current Waveform (ITHD = 12.48%, 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		
1.133	0.9126	10.20%	10%	118.88	12.24/7.3	11.94/0.03	3.32/1.32	5.02/1.32	5.14/0.26	102.00	85.80%
2.070	0.9511	10.34%	20%	226.37	12.26/14.58	11.95/0.05	3.32/2.64	5.02/2.63	5.13/0.53	204.05	90.14%
4.993	0.9804	12.48%	50%	562.70	12.36/36.54	11.95/0.13	3.33/6.61	5.02/6.55	5.1/1.32	514.99	91.52%
10.274	0.9911	9.79%	100%	1170.80	12.51/72.92	11.97/0.26	3.33/13.24	5.03/13.08	5.06/2.63	1038.81	88.73%



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/>