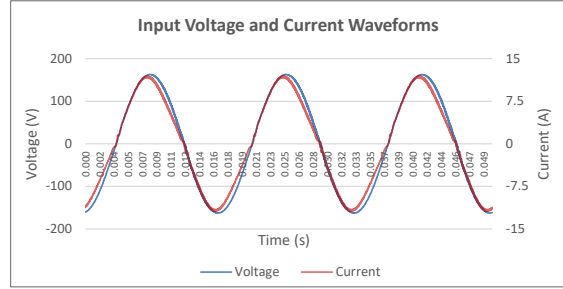


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.87%
AVERAGE EFFICIENCY :	90.18%
80 PLUS COMPLIANT:	Platinum



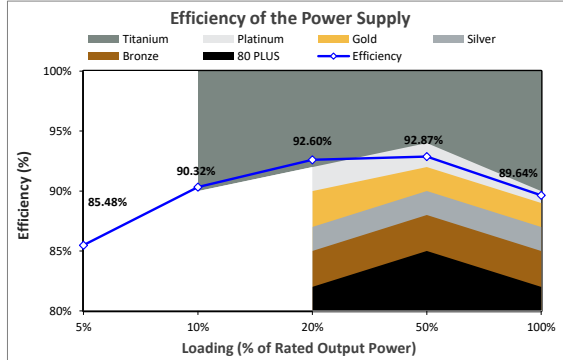
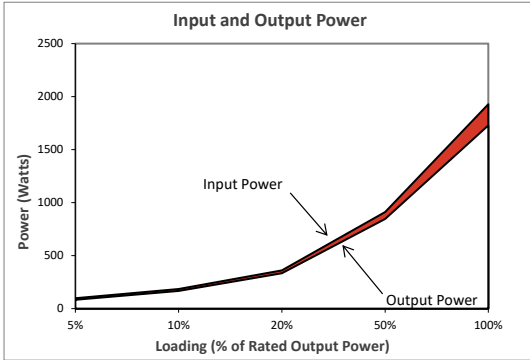
ID Number	7147
Manufacturer	SANR
Model Number	S-1700M1650A
Serial Number	N/A
Year	2023
Type	EPS12V
Test Date	9/11/23



Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	15-8	Amps
Input Frequency	50-60	Hz
Rated Output Power	1650	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.)						
No-Load											
0.186	0.5732	24.67	0%	12.25	12.05/6.24	11.6/0.014	3.42/0.82	5.14/0.82	5.08/0.136	83.06	85.48%
0.877	0.9632	13.12	5%	97.16	12.08/12.48	11.6/0.027	3.41/1.64	5.14/1.64	5.1/0.272	166.50	90.32%
1.626	0.9856	11.82	10%	184.33	12.13/24.95	11.59/0.054	3.41/3.28	5.13/3.28	5.15/0.544	334.20	92.60%
3.207	0.9783	17.40	20%	360.90	12.3/62.38	11.59/0.136	3.41/8.2	5.14/8.2	5.31/1.361	846.07	92.87%
7.955	0.9957	5.57	50%	910.99	12.59/124.75	11.6/0.272	3.42/16.4	5.14/16.4	5.55/2.721	1728.46	89.64%
16.824	0.9968	5.42	100%	1928.31							



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/>