

80 PLUS Verification and Testing Report

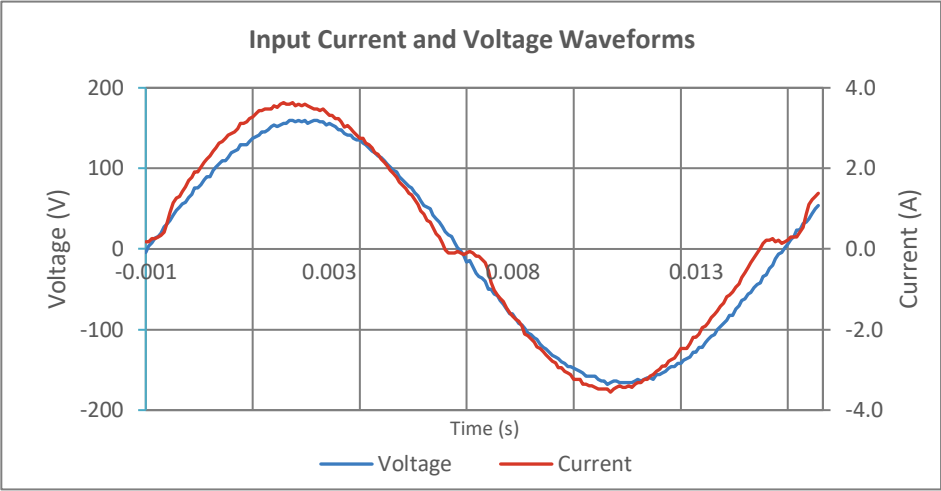
TYPICAL EFFICIENCY (50% Load):	90.67%
AVERAGE EFFICIENCY :	87.96%
80 PLUS COMPLIANT:	Gold



ID Number	6945
Manufacturer	SANR
Model Number	S-750MZ 500A
Serial Number	N/A
Year	2022
Type	EPS12V
Test Date	1/10/23

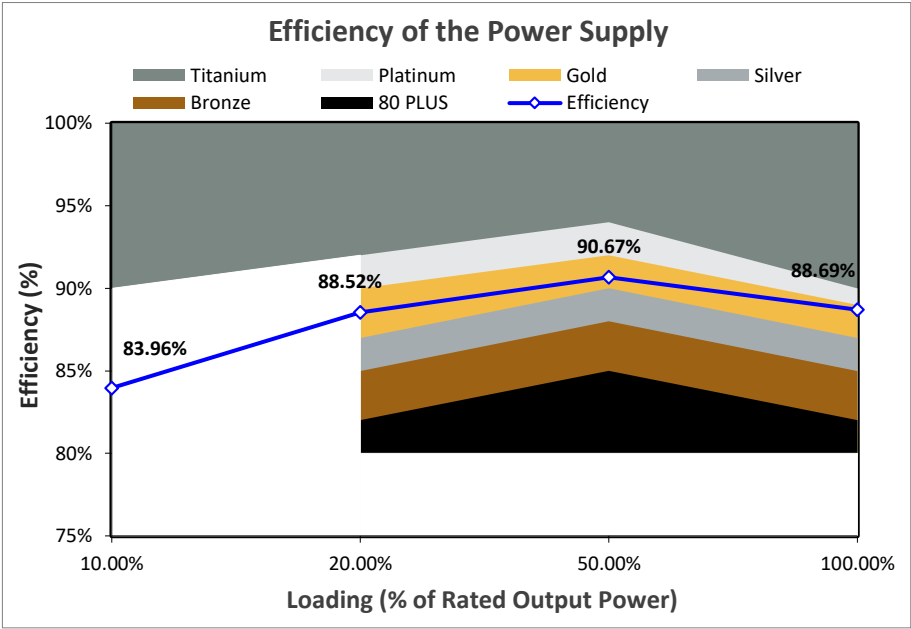
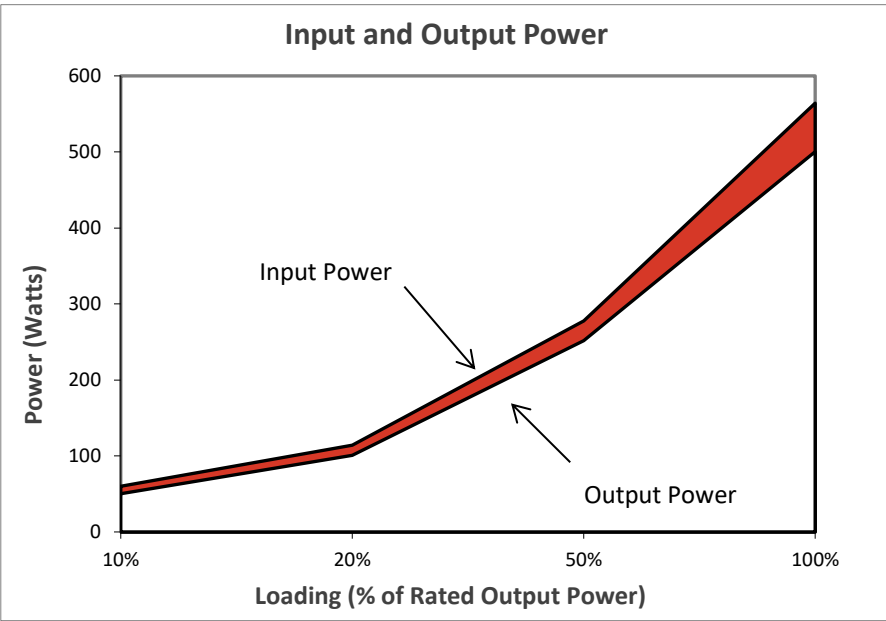
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	47-63	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (ITHD = 7.86%, 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		
0.536	0.9719	11.64%	10%	59.96	12.05/3.32	12.25/0.02	3.36/1.07	5.15/1.07	5.06/0.2	50.34	83.96%
1.003	0.9881	8.97%	20%	114.06	12.04/6.66	12.25/0.05	3.36/2.14	5.15/2.14	5.02/0.4	100.97	88.52%
2.430	0.9932	7.86%	50%	277.60	12.01/16.66	12.22/0.12	3.33/5.36	5.12/5.31	5.01/1.01	251.69	90.67%
4.928	0.9957	5.99%	100%	564.10	11.98/33.25	12.21/0.24	3.29/10.73	5.07/10.61	4.94/2.02	500.29	88.69%



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/>