

80 PLUS Verification and Testing Report

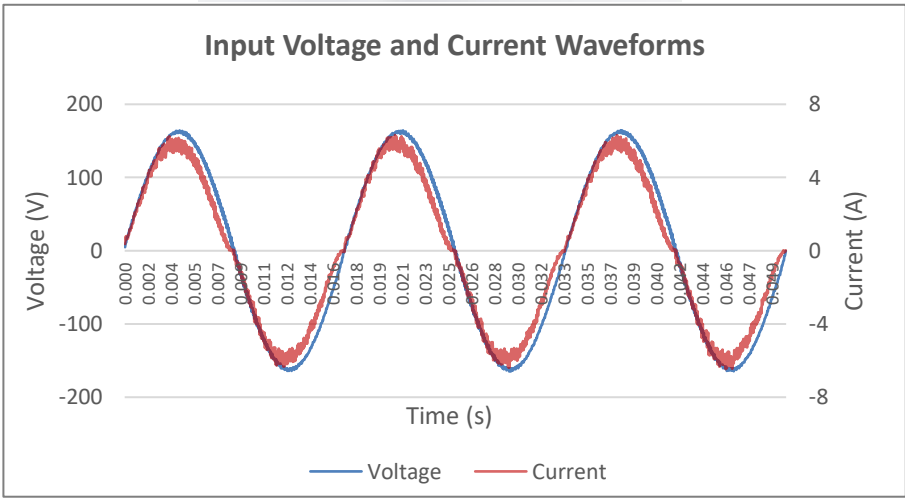
TYPICAL EFFICIENCY (50% Load):	93.32%
AVERAGE EFFICIENCY :	91.42%
80 PLUS COMPLIANT:	Platinum



ID Number	6989
Manufacturer	Shenzhen Ruishengyuan Technology Co., Ltd
Model Number	RNA-850PFE0
Serial Number	N/A
Year	2023
Type	ATX12V, EPS12V
Test Date	3/1/23

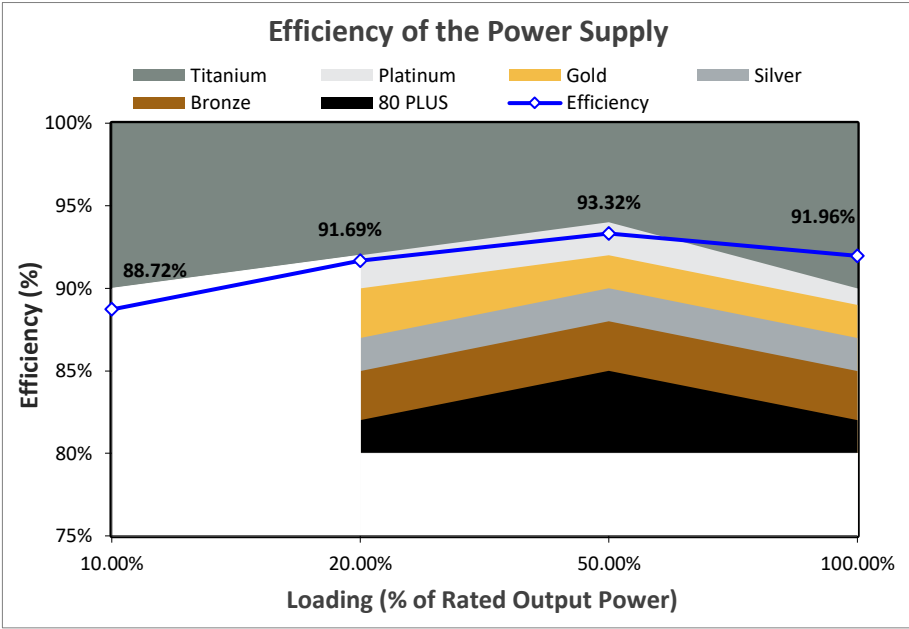
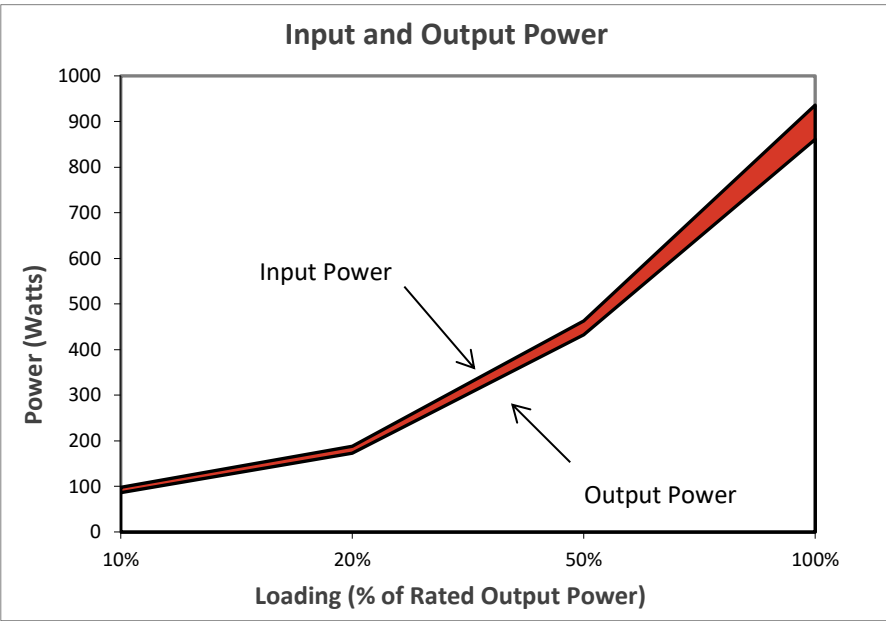
Rated Specifications		Value	Units
Input Voltage		100-240	Volts
Input Current		10	Amps
Input Frequency		50-60	Hz
Rated Output Power		850	Watts

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



Input AC Current Waveform (ITHD = 6.16%, 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	5Vsb		
0.874	0.9689	8.35	10%	97.35	12.15/6.22	12.56/0.05	3.34/1.06	5.06/1.06	5.12/0.26	86.37	88.72%
1.671	0.9781	7.13	20%	187.99	12.15/12.43	12.51/0.07	3.34/2.11	5.06/2.1	5.11/0.53	172.37	91.69%
4.055	0.9922	6.16	50%	462.62	12.16/31.14	12.31/0.18	3.33/5.28	5.05/5.23	5.1/1.32	431.71	93.32%
8.171	0.9958	5.81	100%	935.95	12.13/62.29	11.95/0.35	3.31/10.55	5.03/10.46	5.05/2.63	860.74	91.96%



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/>