

80 PLUS Verification and Testing Report

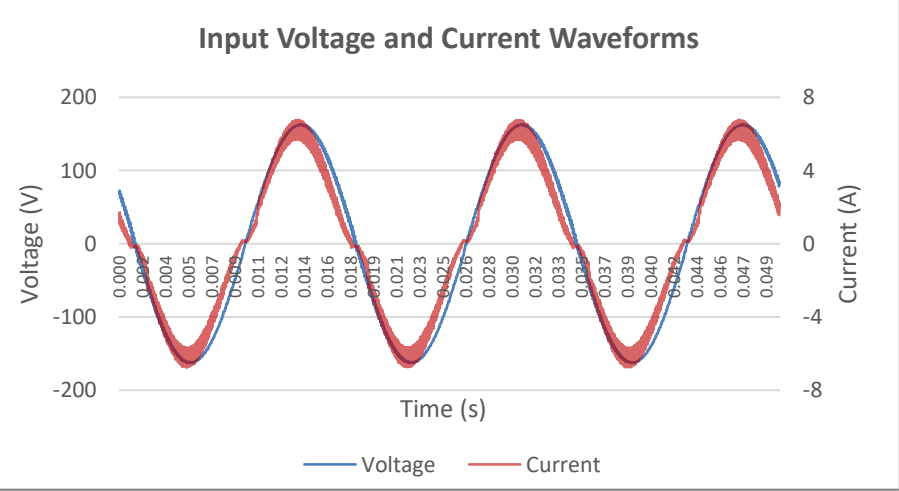
TYPICAL EFFICIENCY (50% Load):	92.22%
AVERAGE EFFICIENCY :	90.47%
80 PLUS COMPLIANT:	Gold



ID Number	6974
Manufacturer	Kolink
Model Number	KL-R850FG
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	4/3/23

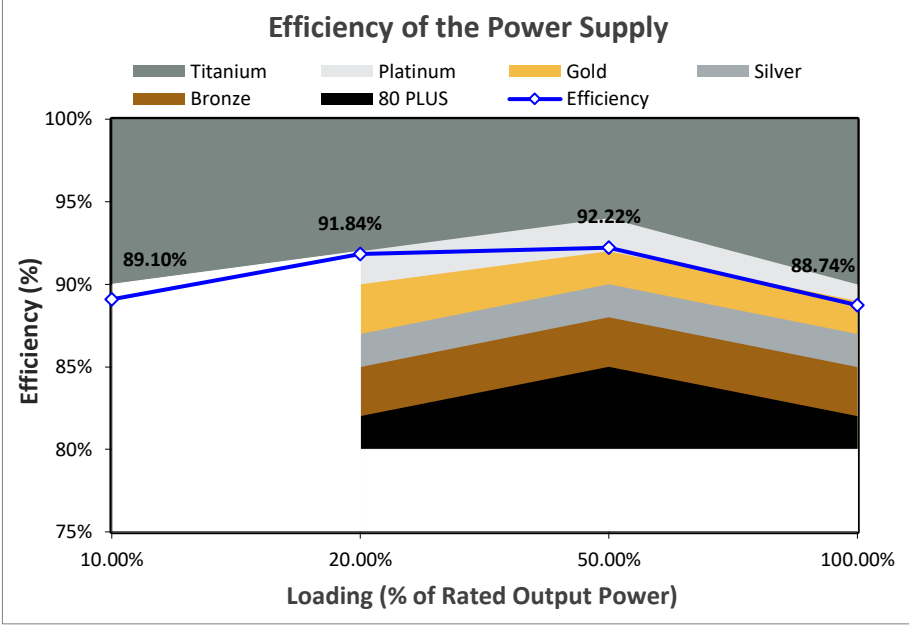
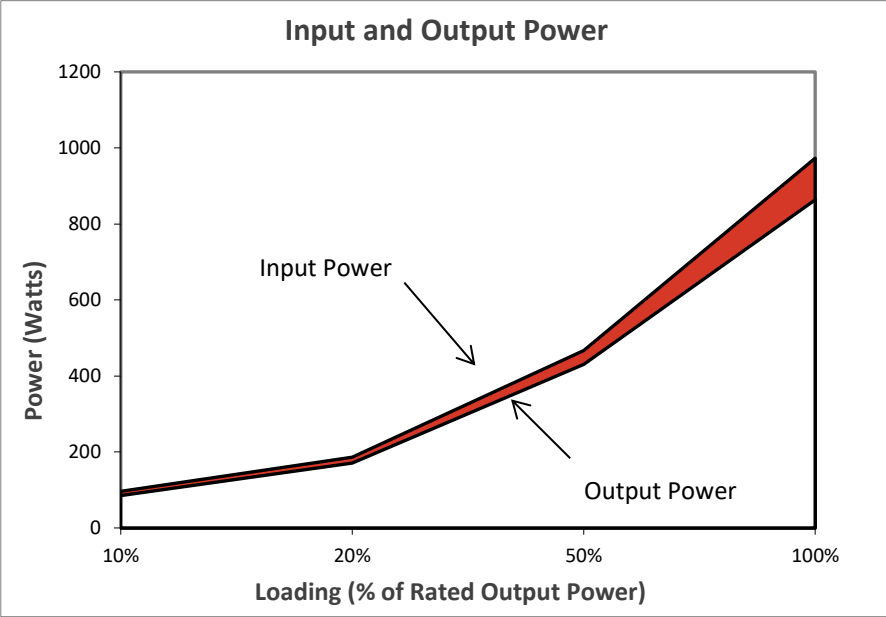
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5.5/11	Amps
Input Frequency	47-63	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 10.76%, 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		
0.868	0.9608	10.61	10%	95.97	12.03/6.09	12.18/0.03	3.35/1.29	5.04/1.29	5.02/0.21	85.51	89.10%
1.654	0.9802	11.03	20%	186.55	12.05/12.18	12.17/0.06	3.36/2.58	5.05/2.57	5.04/0.43	171.33	91.84%
4.105	0.9886	10.76	50%	466.47	12.09/30.49	12.16/0.13	3.39/6.45	5.08/6.4	5.06/1.07	430.16	92.22%
8.509	0.9940	7.83	100%	972.84	12.18/60.71	12.12/0.26	3.45/12.87	5.13/12.79	5.1/2.14	863.25	88.74%



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/>