

# 80 PLUS Verification and Testing Report

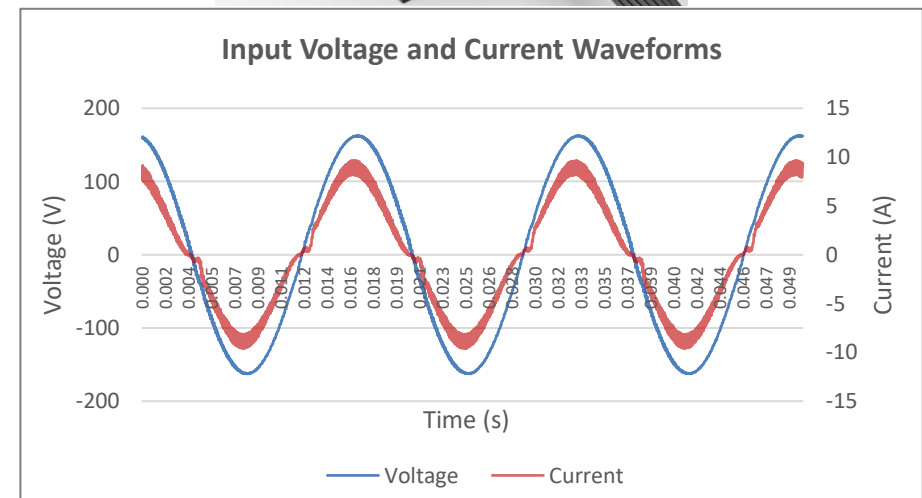
TYPICAL EFFICIENCY (50% Load):	92.41%
AVERAGE EFFICIENCY :	90.94%
80 PLUS COMPLIANT:	Gold



ID Number	6976
Manufacturer	Kolink
Model Number	KL-R1200FG
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	4/4/23

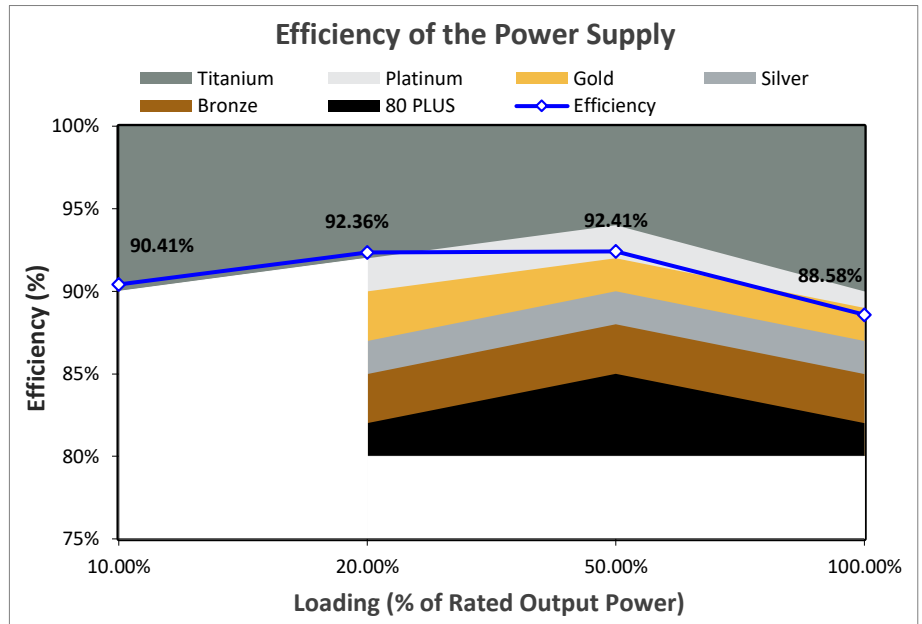
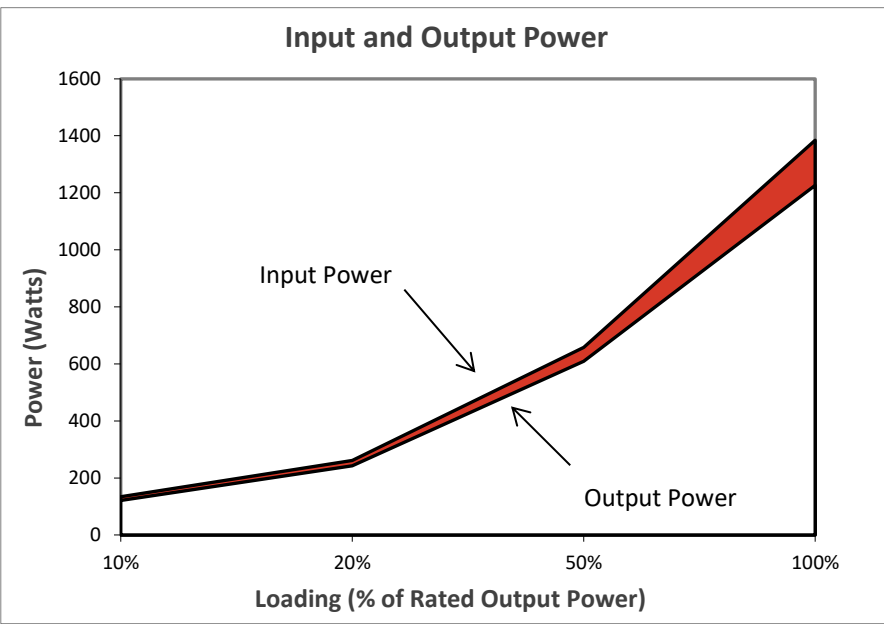
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8/15	Amps
Input Frequency	47-63	Hz
Rated Output Power	1200	Watts

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



Input AC Current Waveform (ITHD = 11.51%, 50% Load)

I <sub>RMS</sub> (A)	PF	I <sub>THD</sub> (%)	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		
1.204	0.9659	6.78	10%	133.73	12.06/8.96	12.29/0.03	3.37/1.35	5.06/1.35	5.05/0.22	120.90	90.41%
2.348	0.9704	15.64	20%	262.03	12.06/17.94	12.31/0.06	3.38/2.7	5.06/2.69	5.05/0.45	242.02	92.36%
5.801	0.9875	11.51	50%	658.61	12.12/44.9	12.29/0.13	3.42/6.75	5.1/6.68	5.08/1.12	608.65	92.41%
12.112	0.9938	8.00	100%	1384.65	12.25/89.46	12.27/0.27	3.49/13.52	5.16/13.34	5.13/2.24	1226.52	88.58%



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/>