

80 PLUS Verification and Testing Report

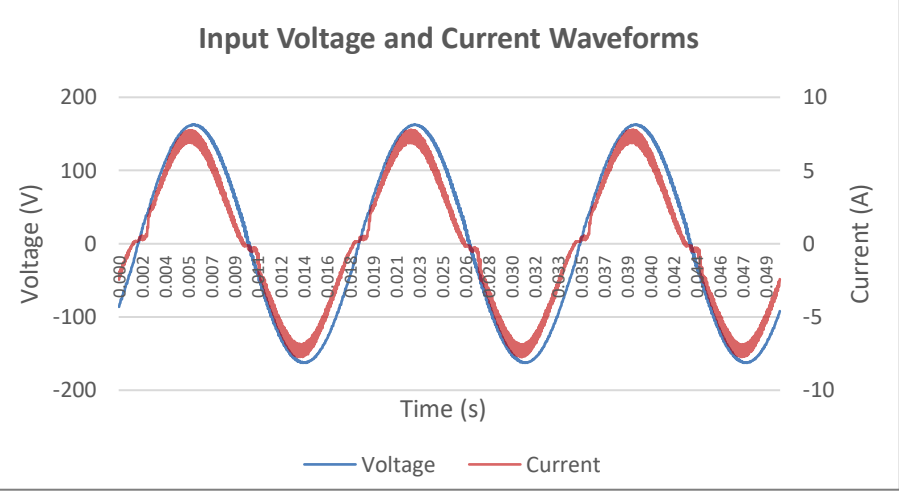
TYPICAL EFFICIENCY (50% Load):	92.82%
AVERAGE EFFICIENCY :	91.36%
80 PLUS COMPLIANT:	Platinum



ID Number	6975
Manufacturer	Kolink
Model Number	KL-R1000FG
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	4/3/23

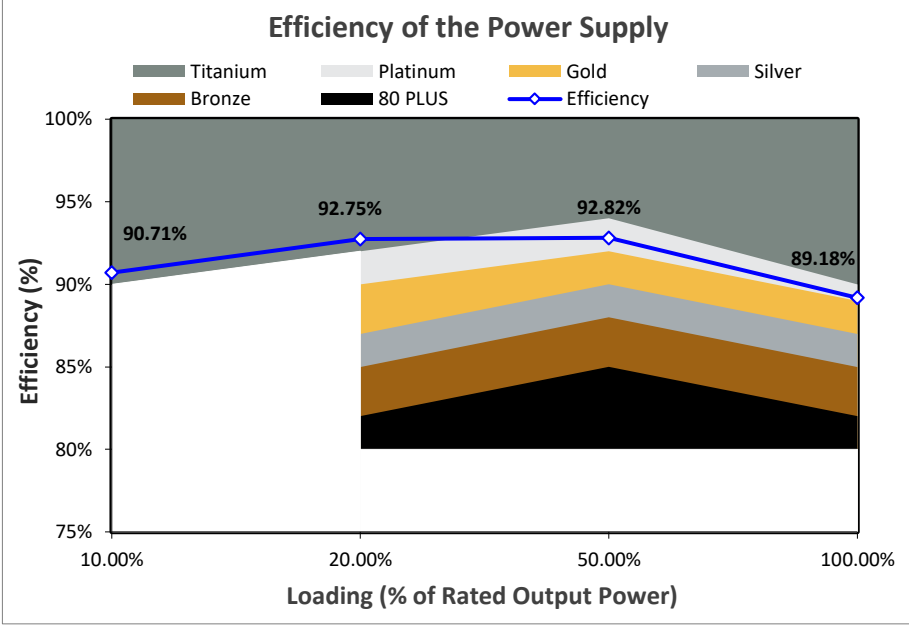
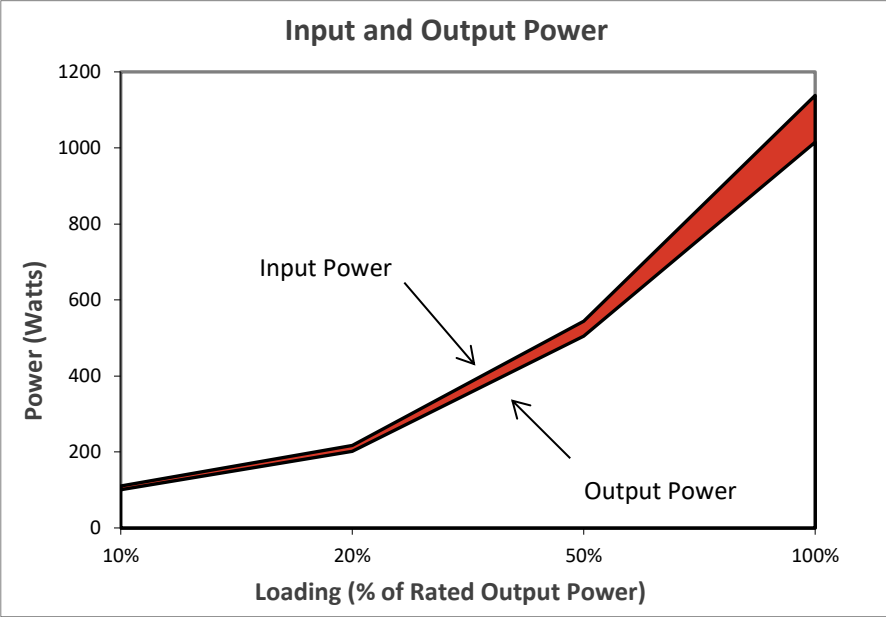
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8/15	Amps
Input Frequency	47-63	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 11.28%, 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		
0.989	0.9720	10.10	10%	110.55	11.99/7.32	12.18/0.03	3.36/1.32	5.03/1.32	5.04/0.22	100.28	90.71%
1.937	0.9735	15.22	20%	216.77	12.02/14.64	12.19/0.06	3.37/2.65	5.04/2.64	5.05/0.44	201.05	92.75%
4.784	0.9884	11.28	50%	544.01	12.05/36.68	12.18/0.13	3.4/6.63	5.07/6.56	5.07/1.1	504.93	92.82%
9.947	0.9946	7.83	100%	1138.08	12.15/73.05	12.19/0.26	3.45/13.27	5.13/13.1	5.11/2.2	1014.94	89.18%



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/>