

80 PLUS Verification and Testing Report

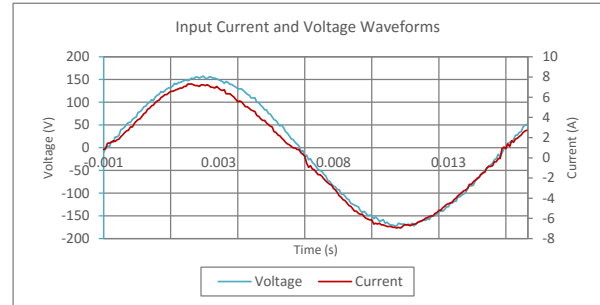
TYPICAL EFFICIENCY (50% Load):	88.91%
AVERAGE EFFICIENCY :	87.13%
80 PLUS COMPLIANT:	YES



ID Number	5231
Manufacturer	Casoking Kellytech Ltd
Model Number	Kolink KL-C1000
Serial Number	N/A
Year	2017
Type	ATX12V
Test Date	1/30/18

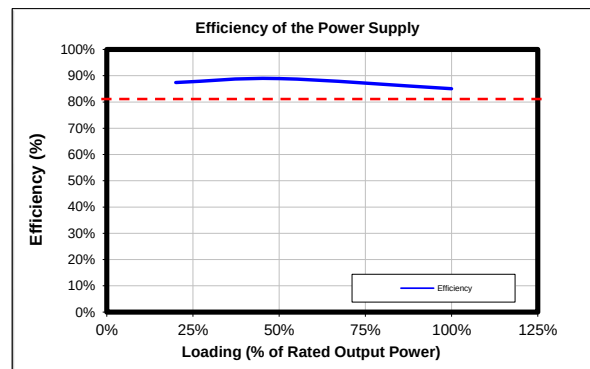
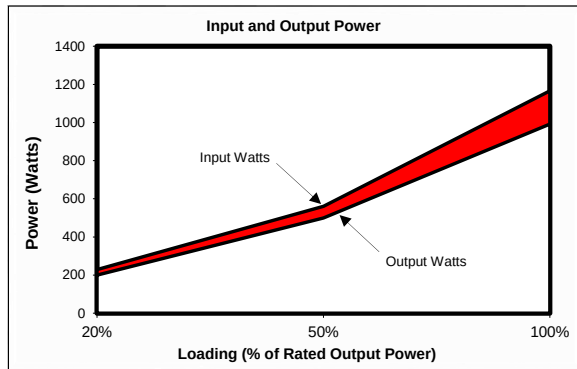
Rated Specifications	Value	Units
Input Voltage	115-230	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (I_{THD} = 3.74%, 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		
1.08	0.97	5.64%	10%	120.43	11.92/7.22	11.85/0.03	3.36/1.49	5.05/1.42	5.14/0.23	99.74	82.82%
2.01	0.99	3.81%	20%	228.65	11.92/14.48	11.87/0.06	3.35/2.98	5.04/2.82	5.13/0.46	199.86	87.41%
4.89	1.00	3.74%	50%	561.10	11.92/36.18	11.92/0.14	3.33/7.46	5.01/7.04	5.11/1.16	498.87	88.91%
10.16	1.00	4.09%	100%	1165.90	11.93/71.97	12.02/0.28	3.29/14.93	4.97/14.03	5.06/2.31	991.70	85.06%



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/>

