

80 PLUS Verification and Testing Report

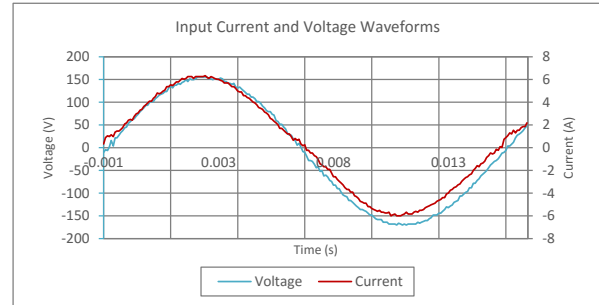
TYPICAL EFFICIENCY (50% Load):	88.78%
AVERAGE EFFICIENCY :	86.98%
80 PLUS COMPLIANT:	YES



ID Number	5232
Manufacturer	Casoking Kellytech Ltd
Model Number	Kolink KL-C850
Serial Number	N/A
Year	2017
Type	ATX12V
Test Date	1/30/18

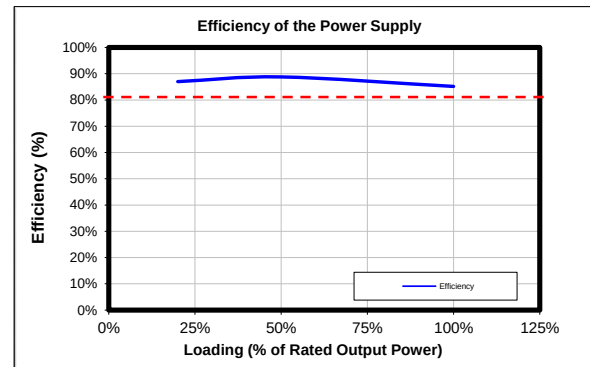
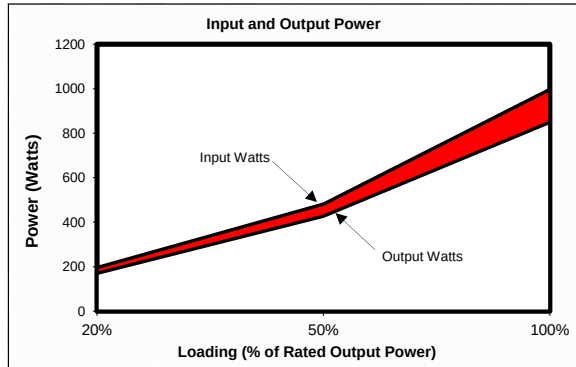
Rated Specifications	Value	Units
Input Voltage	115-230	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (THD = 4.43%, 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		
0.93	0.97	7.81%	10%	103.96	12.01/5.98	11.89/0.03	3.35/1.48	5.06/1.41	5.13/0.23	85.36	82.11%
1.73	0.99	4.51%	20%	196.20	12/11.96	11.92/0.06	3.35/2.96	5.06/2.8	5.12/0.46	170.69	87.00%
4.20	1.00	4.43%	50%	481.00	12.01/29.96	11.98/0.14	3.33/7.41	5.03/6.99	5.11/1.15	427.05	88.78%
8.70	1.00	4.71%	100%	997.10	12.01/59.65	12.1/0.28	3.28/14.83	4.99/13.94	5.06/2.29	849.16	85.16%



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/>

