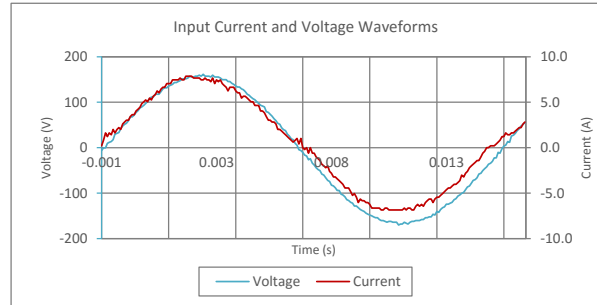


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.75%
AVERAGE EFFICIENCY :	91.85%
80 PLUS COMPLIANT:	YES



ID Number	5277
Manufacturer	KOLINK
Model Number	KL-C1050PL
Serial Number	N/A
Year	2018
Type	ATX12V
Test Date	4/16/18

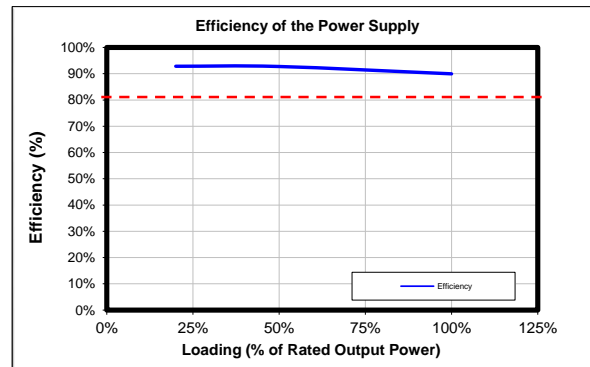
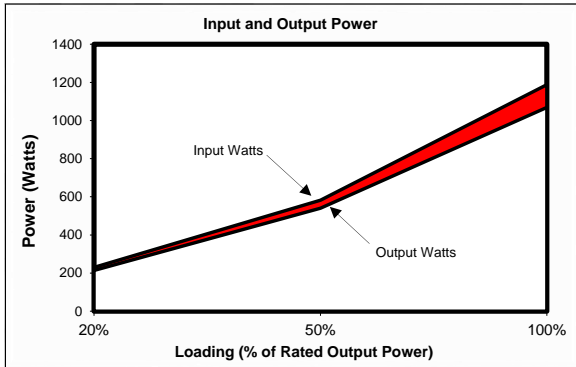


Input AC Current Waveform (ITHD = 6.05%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	50-60	Hz
Rated Output Power	1050	Watts

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

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		
1.07	0.97	14.54%	10%	118.94	12.14/7.68	11.5/0.03	3.33/1.37	5.08/1.37	5.07/0.26	106.43	89.48%
2.02	0.99	4.47%	20%	230.24	12.19/15.38	11.62/0.05	3.33/2.74	5.12/2.72	5.11/0.53	213.77	92.85%
5.08	1.00	6.05%	50%	582.20	12.29/38.48	12.01/0.13	3.33/6.86	5.24/6.8	5.2/1.31	540.02	92.75%
10.35	1.00	5.38%	100%	1187.90	12.22/76.86	12.49/0.26	3.18/13.74	5.08/13.58	4.99/2.63	1068.66	89.96%



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/>

