

80 PLUS Verification and Testing Report

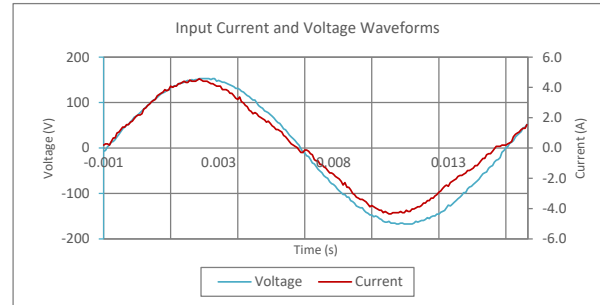
TYPICAL EFFICIENCY (50% Load):	91.23%
AVERAGE EFFICIENCY :	90.07%
80 PLUS COMPLIANT:	YES



ID Number	5608
Manufacturer	KOLINK
Model Number	KL-G600FM
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	7/26/19

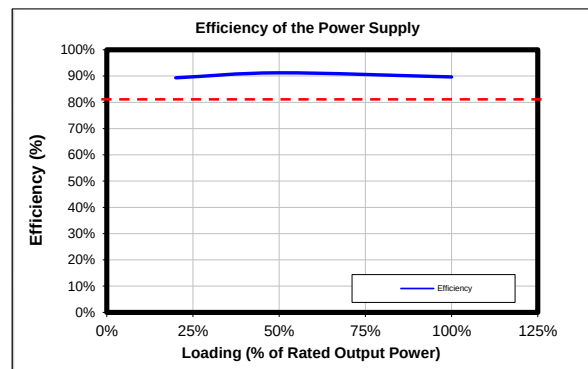
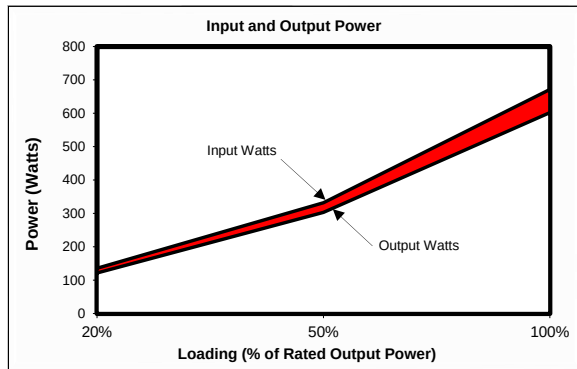
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	N/A	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (I_{THD} = 8.28%, 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		
0.82	0.77	10.50%	10%	72.30	12.14/4.15	11.81/0.04	3.38/1.04	5.02/1.04	5.1/0.26	60.91	84.25%
1.29	0.91	9.19%	20%	135.90	12.13/8.28	11.78/0.09	3.37/2.07	5.01/2.06	5.09/0.52	121.38	89.32%
2.97	0.97	8.28%	50%	332.10	12.09/20.76	11.79/0.22	3.33/5.19	4.99/5.15	5.05/1.29	302.97	91.23%
5.90	0.99	6.90%	100%	671.40	12.03/41.49	11.89/0.43	3.27/10.38	4.95/10.27	4.98/2.58	601.98	89.66%



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/>

