

80 PLUS Verification and Testing Report

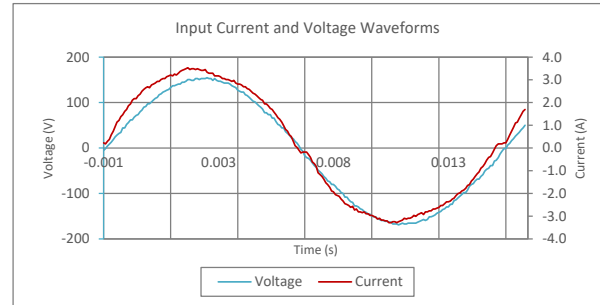
TYPICAL EFFICIENCY (50% Load):	90.95%
AVERAGE EFFICIENCY :	89.55%
80 PLUS COMPLIANT:	YES



ID Number	5607
Manufacturer	KOLINK
Model Number	KL-G500FM
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	7/25/19

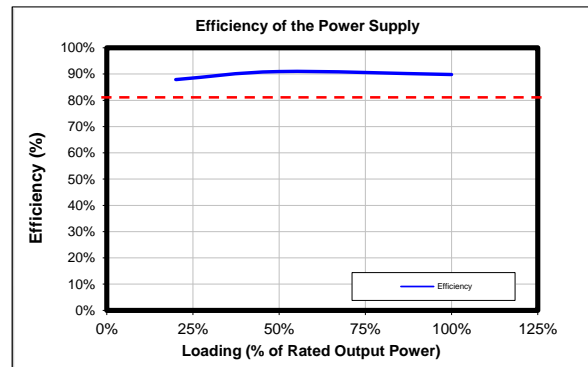
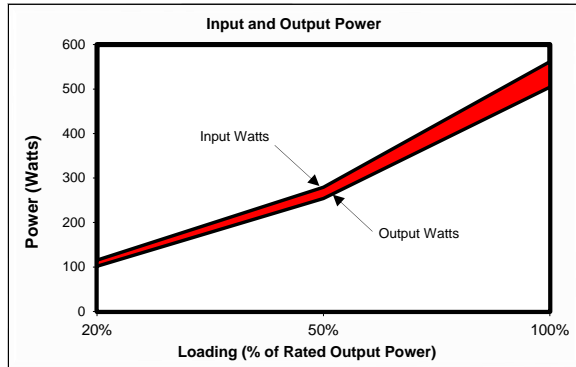
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	N/A	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (ITHD = 5.67%, 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		
0.77	0.70	10.86%	10%	61.90	12.22/3.36	11.87/0.04	3.38/0.98	5.05/0.98	5.11/0.24	50.99	82.38%
1.16	0.87	8.79%	20%	115.50	12.14/6.71	11.86/0.08	3.37/1.97	5.04/1.96	5.1/0.49	101.51	87.89%
2.51	0.97	5.67%	50%	279.20	12.17/16.81	11.86/0.2	3.33/4.91	5.02/4.87	5.06/1.22	253.94	90.95%
4.96	0.98	8.17%	100%	561.50	12.11/33.58	11.89/0.41	3.28/9.84	4.98/9.74	4.99/2.45	504.34	89.82%



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/>

