

80 PLUS Verification and Testing Report

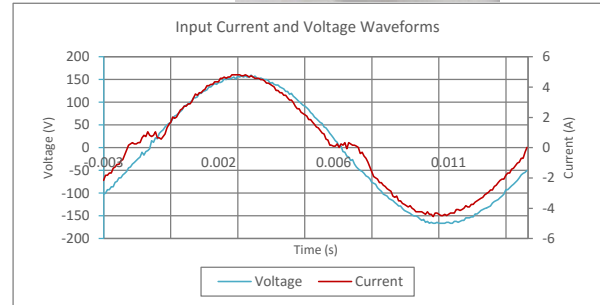
TYPICAL EFFICIENCY (50% Load):	87.19%
AVERAGE EFFICIENCY :	85.30%
80 PLUS COMPLIANT:	YES



ID Number	4921
Manufacturer	Caseking Kellytech Ltd
Model Number	KL-C600
Serial Number	N/A
Year	2017
Type	ATX12V
Test Date	4/20/17

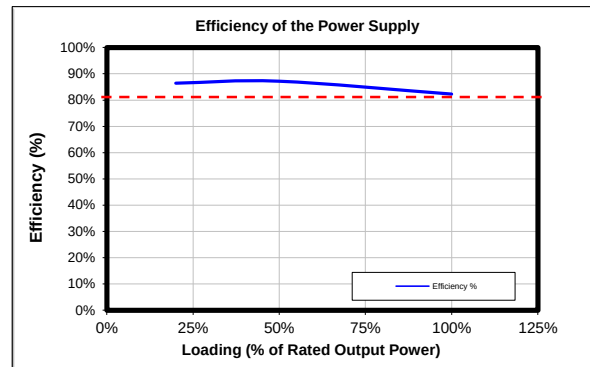
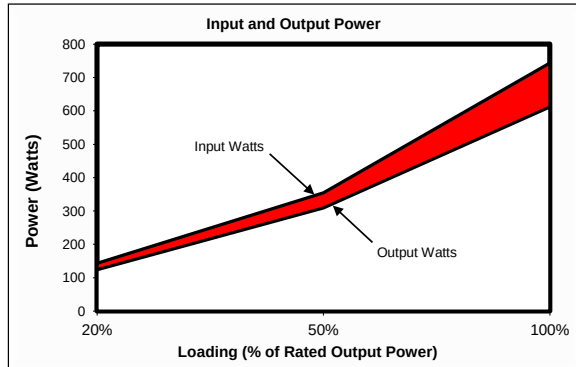
Rated Specifications	Value	Units
Input Voltage	115-230	Volts
Input Current	9	Amps
Input Frequency	47-63	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (THD = 10.91%, 50% Load)

I _{RMS} A	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		
0.73	0.90	38.48%	10%	75.18	12.4/4.18	11.86/0.03	3.34/1.08	5.15/1.02	5.16/0.22	62.12	82.62%
1.30	0.96	24.07%	20%	143.30	12.39/8.34	11.88/0.05	3.34/2.15	5.14/2.04	5.15/0.43	123.86	86.43%
3.11	0.99	10.91%	50%	354.60	12.34/20.91	11.94/0.13	3.33/5.39	5.13/5.08	5.13/1.08	309.16	87.19%
6.50	0.99	9.06%	100%	743.50	12.26/41.6	12.06/0.26	3.31/10.77	5.11/10.14	5.08/2.17	611.79	82.28%



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/>

