

80 PLUS Verification and Testing Report

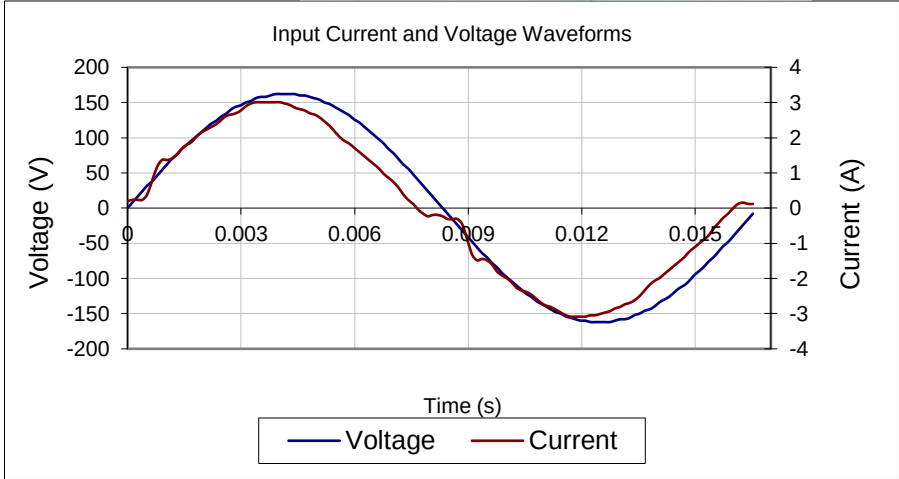
TYPICAL EFFICIENCY (50% Load):	85.75%
AVERAGE EFFICIENCY :	84.09%
80 PLUS COMPLIANT:	YES



ID Number	4813
Manufacturer	Caseking Kellytech Ltd
Model Number	KL-C400
Serial Number	N/A
Year	2016
Type	ATX12V
Test Date	1/6/17

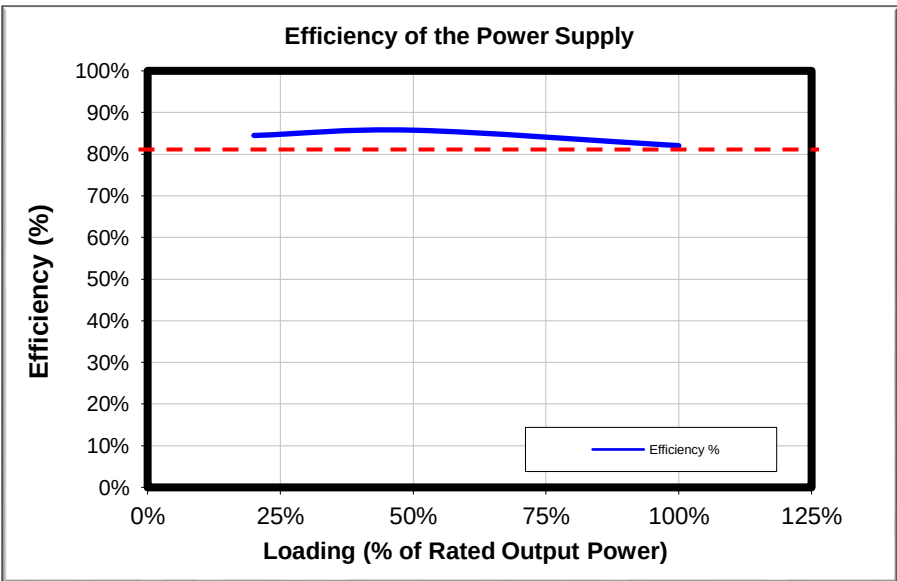
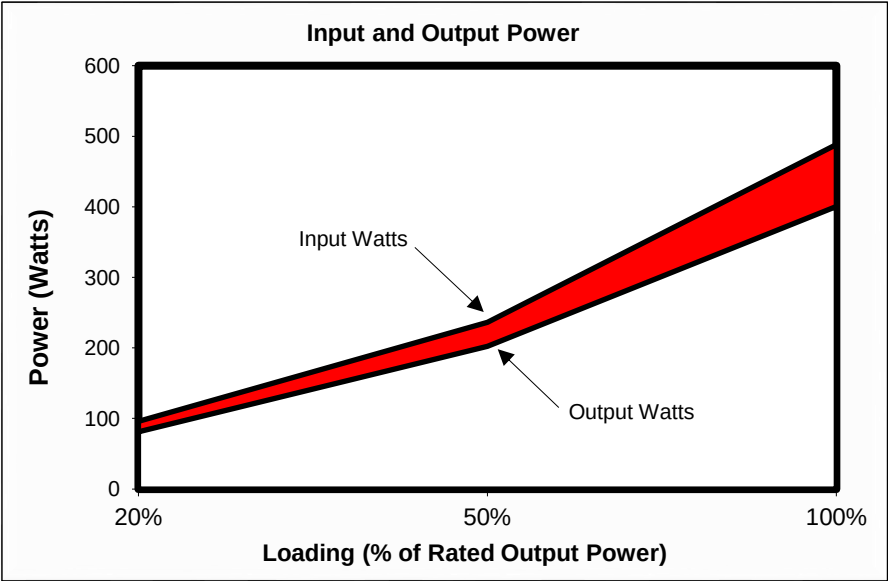
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-3	Amps
Input Frequency	47-63	Hz
Rated Output Power	400	Watts

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



Input AC Current Waveform (ITHD = 9.82%, 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		
0.49	0.90	20.21%	10%	50.54	12.18/2.7	11.29/0.02	3.4/0.75	5.05/0.75	5.07/0.18	40.42	79.98%
0.90	0.94	24.07%	20%	96.22	12.17/5.44	11.31/0.04	3.39/1.51	5.04/1.51	5.06/0.37	81.28	84.47%
2.09	0.98	9.82%	50%	236.02	12.11/13.63	11.36/0.11	3.37/3.78	5.02/3.74	5.02/0.92	202.39	85.75%
4.27	0.99	7.11%	100%	488.20	11.98/27.22	11.51/0.22	3.34/7.55	5/7.48	4.96/1.84	400.48	82.03%



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/>

