

80 PLUS Verification and Testing Report

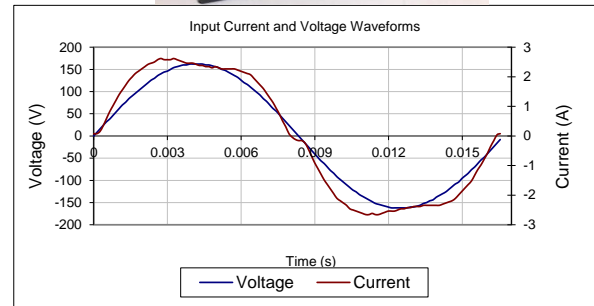
TYPICAL EFFICIENCY (50% Load):	87.63%
AVERAGE EFFICIENCY :	86.09%
80 PLUS COMPLIANT:	YES



Ecos ID #	4657
Manufacturer	GUAGNDONG KEERDA ELECTRONIC CO.,LTD
Model Number	T530
Serial Number	NA
Year	2016
Type	ATX12V
Test Date	8/4/16

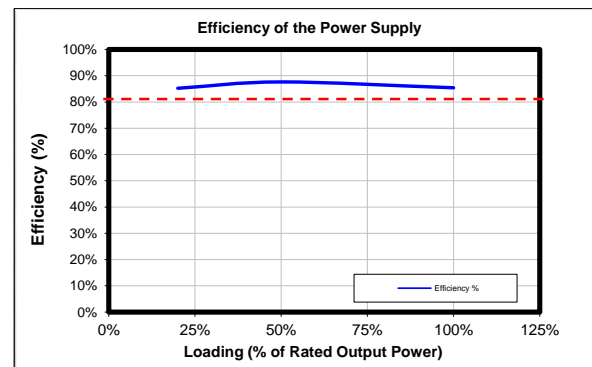
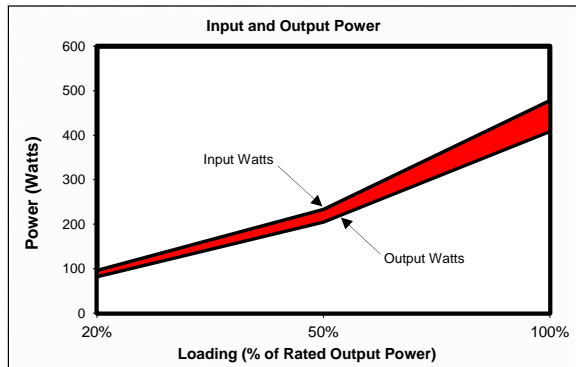
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	47-63	Hz
Rated Output Power	400	Watts

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



Input AC Current Waveform (ITHD = 11.91%, 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		
0.63	0.71	66.89%	10%	51.29	12.31/2.68	12.19/0.02	3.38/0.81	5.1/0.81	5.18/0.16	40.98	79.90%
0.94	0.89	42.71%	20%	96.31	12.3/5.37	12.2/0.05	3.38/1.62	5.08/1.62	5.17/0.33	82.09	85.23%
2.05	0.99	11.91%	50%	233.50	12.29/13.43	12.23/0.12	3.36/4.04	5.05/4.01	5.13/0.82	204.62	87.63%
4.18	0.99	10.18%	100%	478.00	12.27/26.87	12.27/0.25	3.34/8.07	4.99/8.02	5.07/1.65	408.26	85.41%



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/>

