

80 PLUS Verification and Testing Report

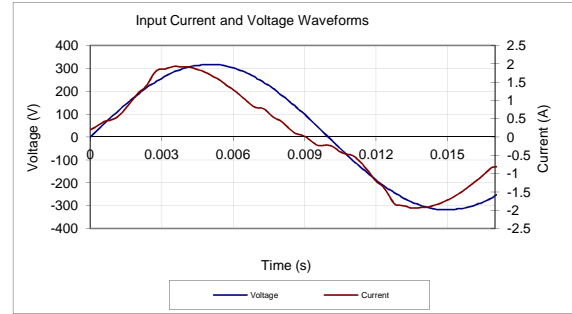
TYPICAL EFFICIENCY (50% Load):	92.82%
AVERAGE EFFICIENCY :	91.67%
80 PLUS COMPLIANT:	YES



Ecos ID #	EU-078
Manufacturer	HKC OVERSEAS LIMITED
Model Number	T-500
Serial Number	N/A
Year	2015
Type	ATX12V
Test Date	2/9/15

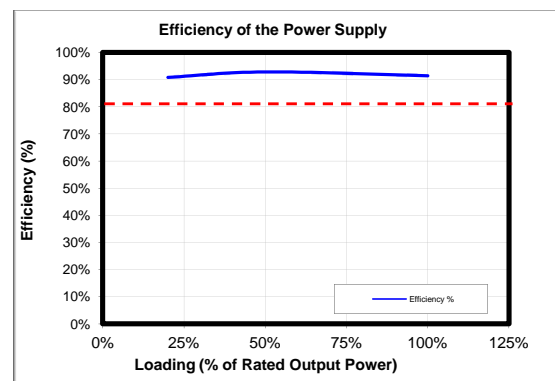
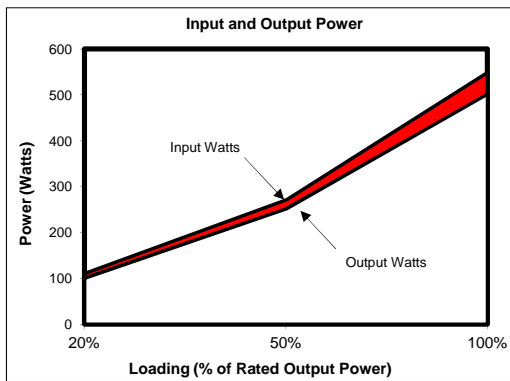
Rated Specifications	Value	Units
Input Voltage	230	Volts
Input Current	N/A	Amps
Input Frequency	50	Hz
Rated Output Power	500	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 18.4%, 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		
0.33	0.78	34.65%	10%	58.79	12.04/3.16	11.57/0.05	3.36/1.41	5.11/1.13	5.06/0.29	50.57	86.02%
0.55	0.88	28.51%	20%	110.95	12.04/6.28	11.5/0.1	3.36/2.82	5.1/2.25	5.06/0.59	100.71	90.77%
1.23	0.96	18.40%	50%	271.20	12.03/15.74	11.5/0.25	3.35/7.05	5.09/5.6	5.04/1.47	251.72	92.82%
2.43	0.98	11.73%	100%	549.20	12.03/31.41	11.62/0.49	3.33/14.05	5.09/11.19	5/2.94	502.03	91.41%



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/>

