

80 PLUS Verification and Testing Report

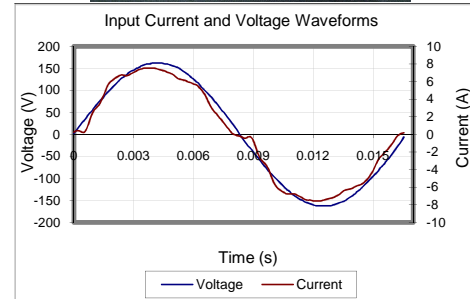
TYPICAL EFFICIENCY (50% Load):	85.47%
AVERAGE EFFICIENCY :	83.37%
80 PLUS COMPLIANT:	YES



Ecos ID #	1858.1
Manufacturer	HUNTKEY
Model Number	HK600-31PP
Serial Number	N/A
Year	2009
Type	ATX12V
Test Date	12/16/2009

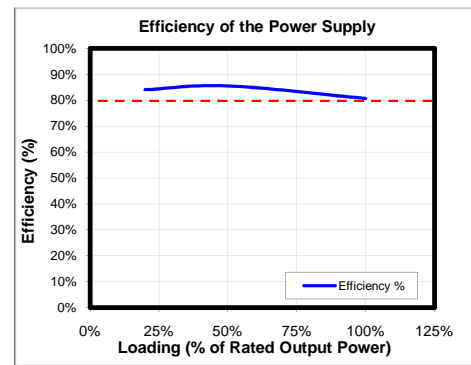
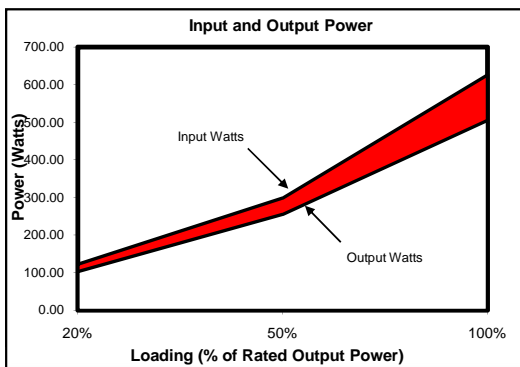
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50/60	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (ITHD = 19.96%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of 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
1.12	0.9550	30.28%	20%	Light	122.56	12.3/6.1		12.1/0.1	3.4/2.7	5.1/3	5/0.5	102.96	84.01%
2.66	0.9757	19.96%	50%	Typical	298.60	12.2/15.3		12.1/0.2	3.4/7.4	5.1/6.7	5/1.3	255.21	85.47%
5.48	0.9937	10.04%	100%	Full	626.60	12.1/30.5		12.2/0.4	3.4/14.8	5/13.4	4.9/2.7	505.28	80.64%



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/>

