

## 80 PLUS Verification and Testing Report

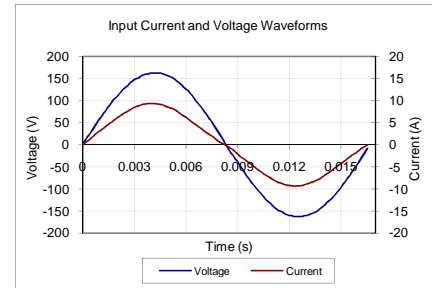
TYPICAL EFFICIENCY (50% Load):	83.32%
AVERAGE EFFICIENCY :	81.49%
80 PLUS COMPLIANT:	0%



Ecos ID #	134.2
Manufacturer	NOX
Model Number	HUM80600
Serial Number	64351942
Year	2006
Type	ATX12V
Test Date	1/11/2007

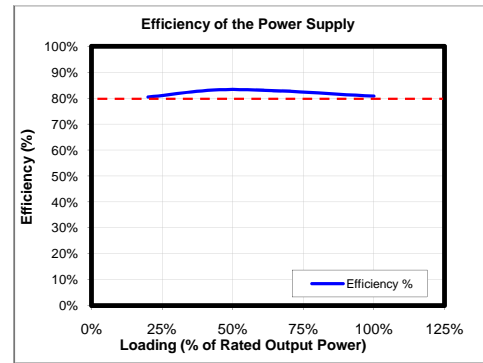
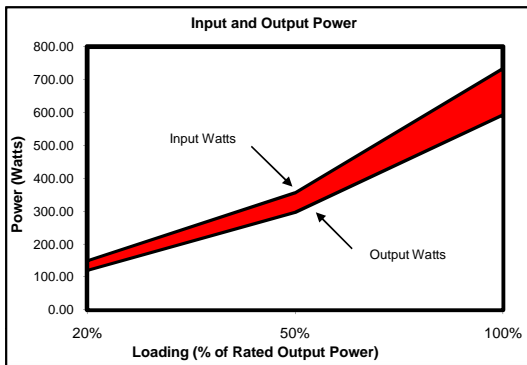
Rated Specifications	Value	Units
Input Voltage	100-240 Vac	Volts
Input Current	8/4A	Amps
Input Frequency	47-63Hz	Hz
Rated Output Power	600W	Watts

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



Input AC Current Waveform (ITHD = 7.67%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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		
1.32	0.98	10.46%	20%	Light	149.50	12/8.1	12.1/0.1	3.3/2.5	5.1/2.4	5.1/0.3	120.20	80.40%
3.11	0.99	7.67%	50%	Typical	356.30	11.9/20.2	12.2/0.2	3.1/6.3	5/5.9	5/0.8	296.88	83.32%
6.41	1.00	6.37%	100%	Full	734.70	11.9/40.4	12.4/0.5	3.2/12.7	5/11.8	4.9/1.7	593.33	80.76%



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/>

