80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	89.57%
AVERAGE EFFICIENCY :	87.77%
80 PLUS COMPLIANT:	YES

Ecos ID #	3283
Manufacturer	Inter-Tech Elektronik Handels GmbH
Model Number	CobaNitrox CN-700 NS 85+
Serial Number	4260133124547
Year	2012
Type	ATX12V
Test Date	06-Sep-12

Rated Specifications	Value	Units
Input Voltage	NA	Volts
Input Current	NA	Amps
Input Frequency	NA	Hz
Rated Output Power	700	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.
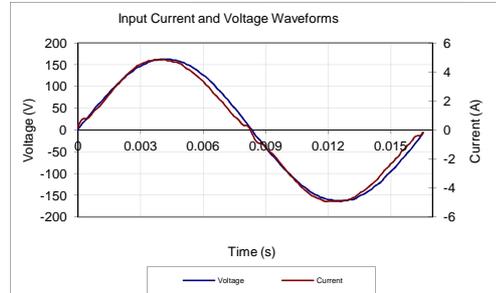
Input AC Current Waveform (ITHD = 5.56%, 50% Load)

I_{RMS} A	PF	I_{THD} (%)	Load (%)	Input Watts	12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vsb	Output Watts	Efficiency %
0.76	0.99	6.12%	10%	85.89	12/4.8	11.7/0	3.4/1.3	5.1/1.3	5.1/0.2	70.64	82.24%
1.44	0.99	6.93%	20%	164.68	12/9.6	11.7/0.1	3.4/2.7	5.1/2.7	5.1/0.4	141.40	85.86%
3.44	1.00	5.56%	50%	394.00	12/23.9	11.7/0.2	3.4/6.7	5.1/6.7	5.1/1.1	352.90	89.57%
6.98	1.00	5.55%	100%	800.10	12/47.8	11.8/0.4	3.3/13.3	5.1/13.4	5.1/2.1	703.18	87.89%
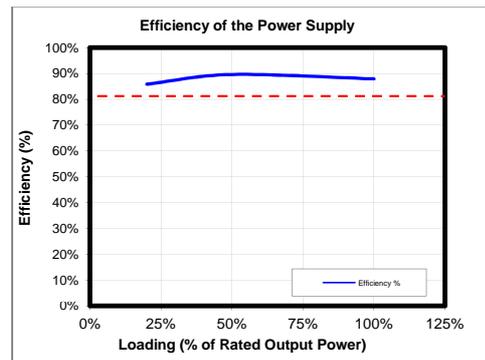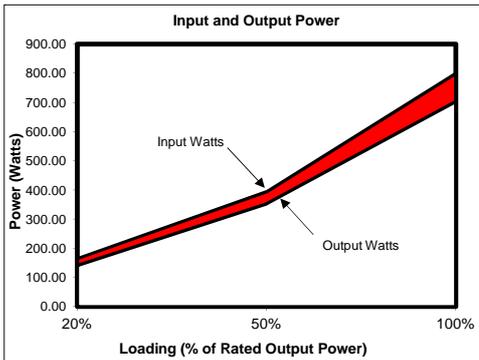
These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. *http://www.80plus.org/*