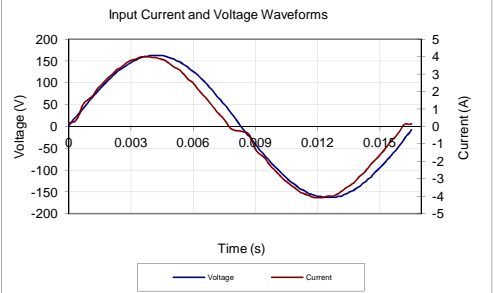


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	87.23%
AVERAGE EFFICIENCY :	85.68%
80 PLUS COMPLIANT:	YES



Ecos ID #	3281
Manufacturer	Inter-Tech Elektronik Handels GmbH
Model Number	Coba CS-550 IT 82+
Serial Number	4260133124776
Year	2012
Type	ATX12V
Test Date	05-Sep-12

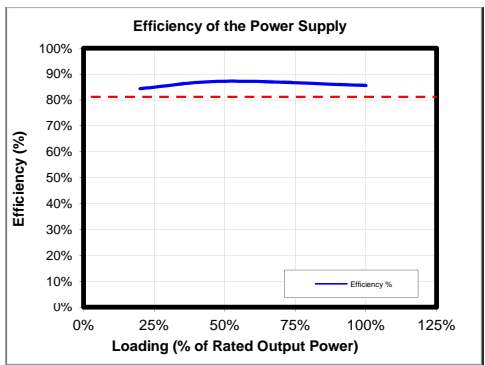
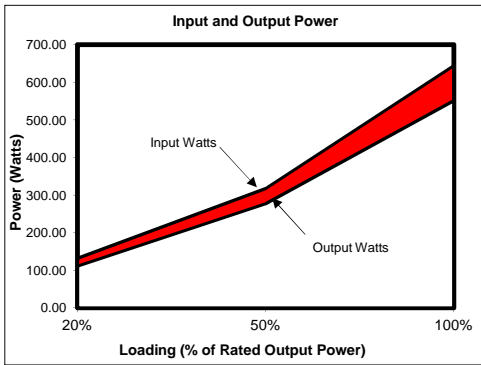


Rated Specifications	Value	Units
Input Voltage	115-230	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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

Input AC Current Waveform (ITHD = 7.92%, 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
0.64	0.97	13.27%	10%	71.15	12.1/3.5	12/0	3.3/1.3	5/1.3	5.1/0.2	55.61	78.16%
1.16	0.99	10.97%	20%	131.93	12.1/7.1	12/0.1	3.3/2.7	5/2.7	5.1/0.4	111.18	84.27%
2.79	0.99	7.92%	50%	317.80	12.1/17.7	12/0.2	3.3/6.6	5/6.6	5.1/1.1	277.21	87.23%
5.62	1.00	4.60%	100%	644.60	12.1/35.4	11.9/0.4	3.3/13.2	4.9/13.2	5/2.1	551.36	85.54%



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/>

