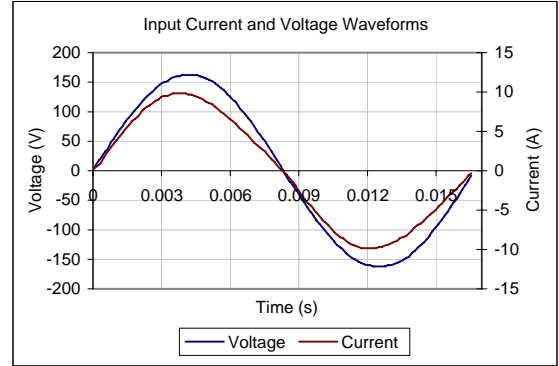


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	85.13%
AVERAGE EFFICIENCY :	83.21%
80 PLUS COMPLIANT:	YES

Ecos ID #	436
Manufacturer	CORSAIR
Model Number	CMPSU-650TX
Serial Number	R0709A82130028
Year	2007
Type	ATX12V
Test Date	11/13/2007

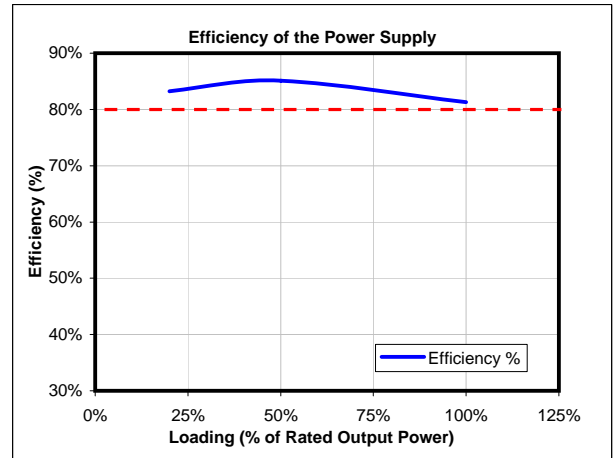
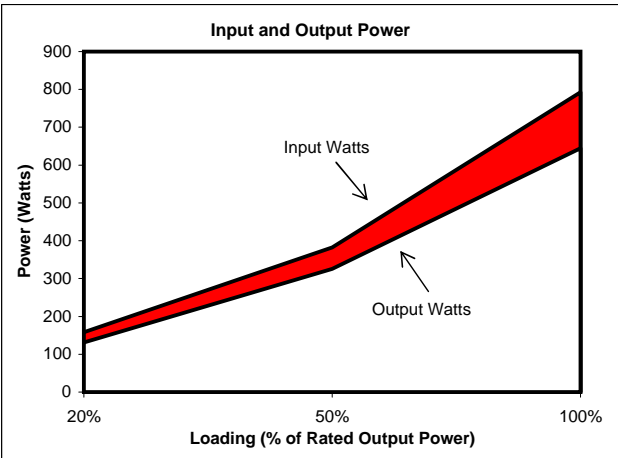


Input AC Current Waveform (ITHD = 5.4%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50/60	Hz
Rated Output Power	650	Watts

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

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
1.39	0.98	6.5%	20%	Light	158	12.1/8.2	12.1/0.2	3.4/2.8	5/3.5	5/0.6	131	83.21%
3.34	1.00	5.4%	50%	Typical	382	12/20.5	12/0.4	3.3/7	4.9/8.7	4.9/1.5	326	85.13%
6.91	1.00	4.8%	100%	Full	793	11.9/41	12/0.8	3.3/14	4.9/17.5	4.8/3	644	81.28%



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.



Tested by Electric Power Research Institute, Knoxville, TN.