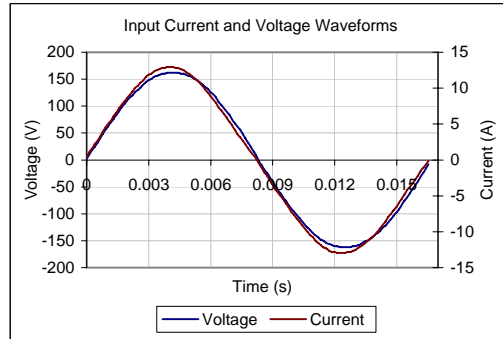


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	85.05%
AVERAGE EFFICIENCY :	83.05%
80 PLUS COMPLIANT:	YES

Ecos ID #	1244
Manufacturer	CORSAIR
Model Number	CMPSU-850TX
Serial Number	00372908467141
Year	2009
Type	ATX12V
Test Date	1/22/2009

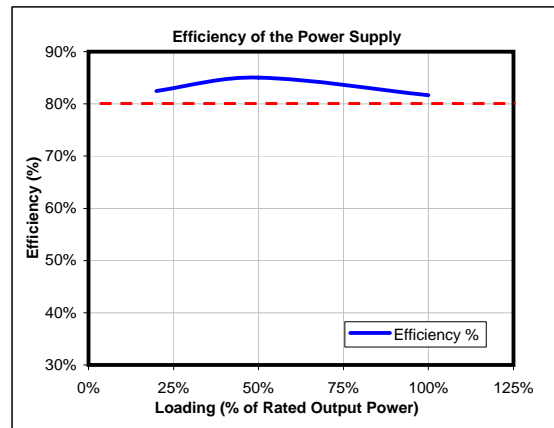
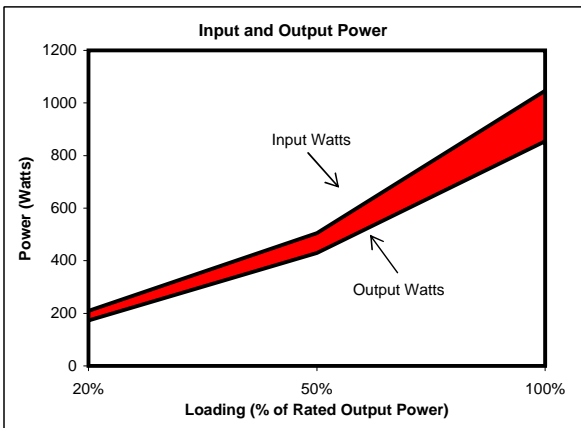


Input AC Current Waveform (ITHD = 4.89%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12	Amps
Input Frequency	50/60	Hz
Rated Output Power	850	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		
1.84	0.99	6.5%	20%	Light	209	12.1/11.4	12.2/0.1	3.4/3.5	5.1/3.5	5.2/0.5	173	82.43%
4.41	1.00	4.9%	50%	Typical	506	12.1/28.5	12.2/0.3	3.4/8.8	5.1/8.8	5.1/1.2	430	85.05%
9.10	1.00	3.6%	100%	Full	1046	12/57	12.2/0.6	3.3/17.5	5.1/17.6	5.1/2.4	854	81.67%



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/>

