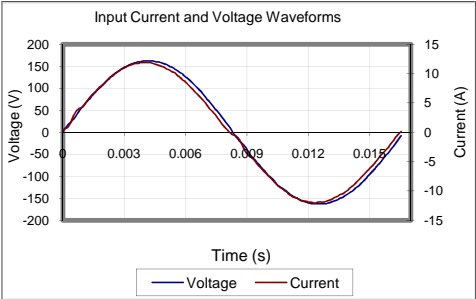


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.08%
AVERAGE EFFICIENCY :	88.57%
80 PLUS COMPLIANT:	YES



Ecos ID #	2028
Manufacturer	COUGAR
Model Number	CGR S2-850
Serial Number	N/A
Year	2010
Type	ATX12V & EPS12V
Test Date	4/19/2010

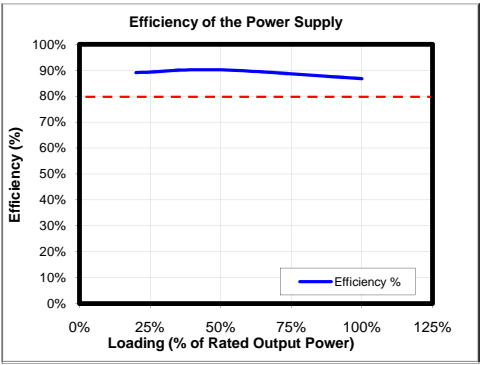
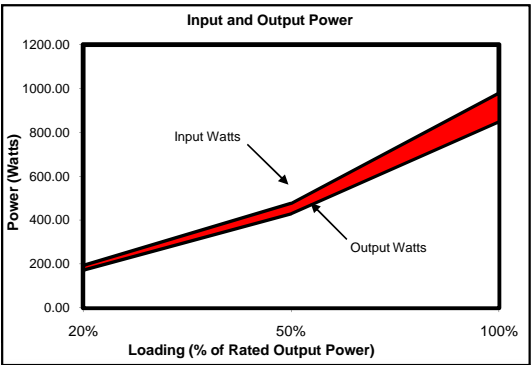


Input AC Current Waveform (ITHD = 6.9%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	10-5	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.)					
1.18	0.98	15.02%	20%	Light	194.33	12.1/11.7				172.92	88.98%
4.17	0.99	6.90%	50%	Typical	477.00	12.1/29.1				429.68	90.08%
8.52	1.00	2.80%	100%	Full	979.80	11.9/58.2				848.92	86.64%



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/>

