

80 PLUS Verification and Testing Report

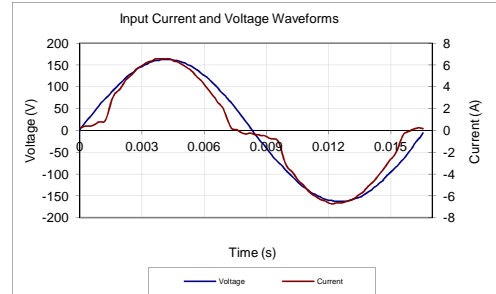
TYPICAL EFFICIENCY (50% Load):	87.53%
AVERAGE EFFICIENCY :	85.66%
80 PLUS COMPLIANT:	YES



Ecos ID #	3311.1
Manufacturer	Evo Labs
Model Number	CRONUS 850W
Serial Number	N/A
Year	2012
Type	ATX12V
Test Date	10/16/12

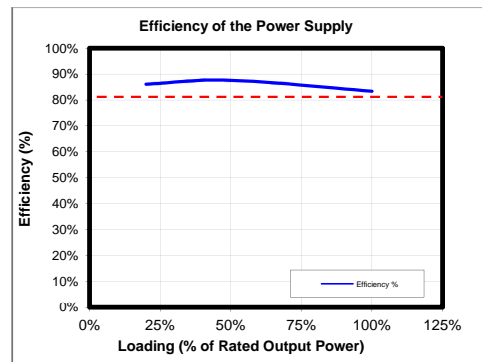
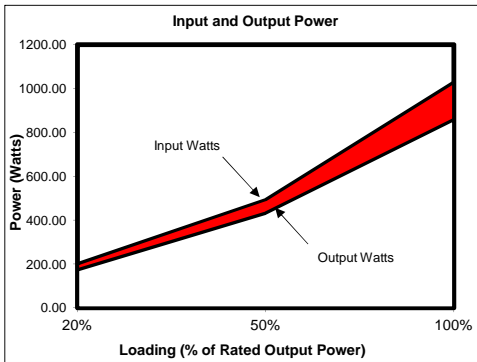
Rated Specifications	Value	Units
Input Voltage	110/220	Volts
Input Current	N/A	Amps
Input Frequency	60/50	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 19.35%, 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		
0.94	0.98	13.58%	10%	106.71	12.2/6	11.5/0.1	3.4/1.4	5.2/1.4	5.1/0.2	86.73	81.28%
1.82	0.97	25.17%	20%	202.00	12.2/12	11.5/0.1	3.4/2.9	5.2/2.8	5.1/0.5	173.84	86.06%
4.39	0.98	19.35%	50%	494.40	12.2/29.9	11.5/0.2	3.4/7.2	5.2/7.1	5.1/1.1	432.73	87.53%
9.05	0.99	13.54%	100%	1030.00	12.1/59.6	11.6/0.5	3.4/14.3	5.1/14.2	5/2.3	858.98	83.40%



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/>

