

80 PLUS Verification and Testing Report

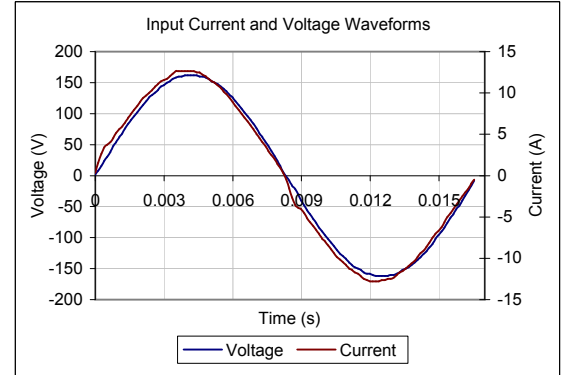


TYPICAL EFFICIENCY (50% Load):	85.29%
AVERAGE EFFICIENCY :	83.01%
80 PLUS COMPLIANT:	YES

Ecos ID #	434
Manufacturer	XSPICE
Model Number	CROON BF 850
Serial Number	NA
Year	2007
Type	ATX12V
Test Date	11/13/2007

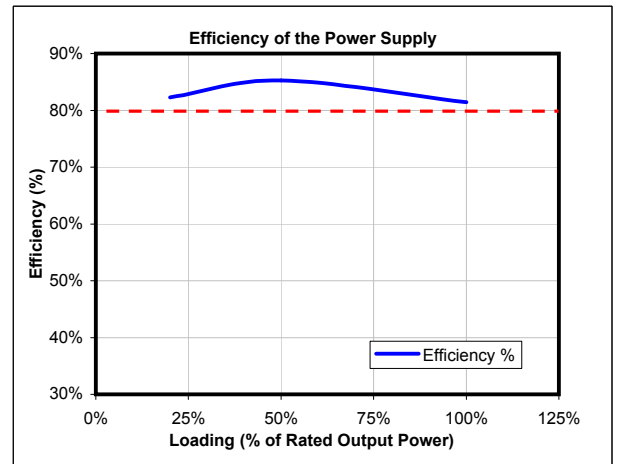
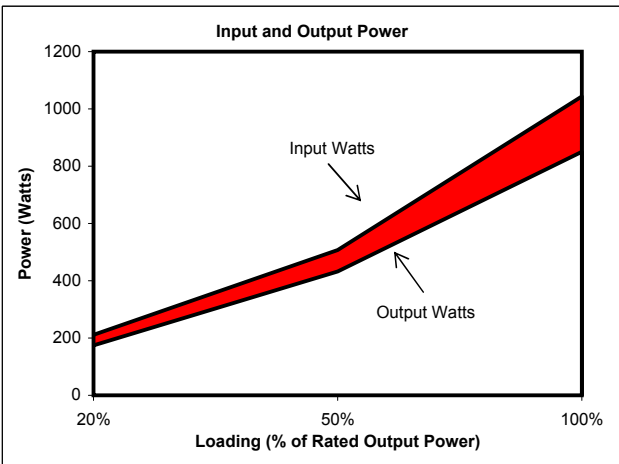
Rated Specifications	Value	Units
Input Voltage	115/230	Volts
Input Current	15	Amps
Input Frequency	50/60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 3.5%, 50% Load)

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		
1.90	0.97	10.0%	20%	Light	211	12.3/11.3	12.1/0.1	3.4/3.2	5/4	5/0.6	174	82.28%
4.45	0.99	3.5%	50%	Typical	507	12.3/28.3	12.1/0.2	3.3/7.9	4.9/9.9	4.9/1.5	433	85.29%
9.15	0.99	9.4%	100%	Full	1043	12.1/56.6	12.1/0.5	3.2/15.8	4.7/19.8	4.7/3	850	81.46%



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.