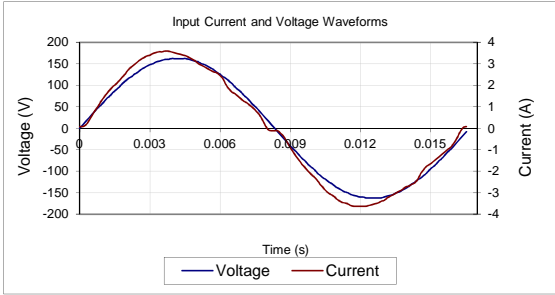


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.21%
AVERAGE EFFICIENCY :	84.27%
80 PLUS COMPLIANT:	YES



Ecos ID #	4393
Manufacturer	CFD SALES INC.
Model Number	KRPW-L5-500W/80+
Serial Number	ATX1250 014 152600507
Year	2015
Type	ATX12V,EPS12V
Test Date	7/8/15

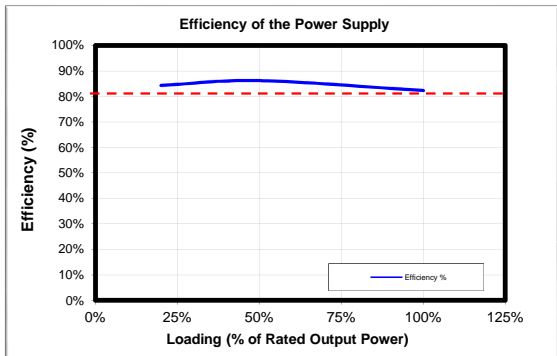
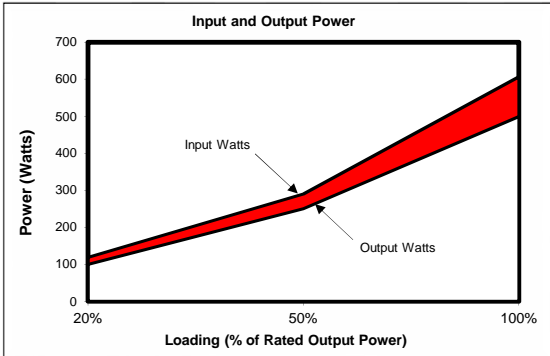


Rated Specifications	Value	Units
Input Voltage	100v(90 ~ 132V)	Volts
Input Current	8	Amps
Input Frequency	50/60	Hz
Rated Output Power	500	Watts

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

Input AC Current Waveform (ITHD = 6.55%, 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		
0.56	0.99	10.87%	10%	63.69	11.87/3.28	0/0.03	3.38/1.22	5.11/1.08	5.04/0.21	49.57	77.83%
1.04	0.99	9.40%	20%	118.44	11.89/6.55	11.71/0.05	3.37/2.44	5.1/2.16	5.02/0.43	99.85	84.31%
2.53	1.00	6.55%	50%	289.80	11.94/16.37	11.86/0.13	3.33/6.1	5.07/5.38	4.97/1.07	249.85	86.21%
5.30	0.99	7.00%	100%	606.40	11.97/32.67	12.13/0.26	3.27/12.16	5.05/10.75	4.89/2.15	499.01	82.29%



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>

