

80 PLUS Verification and Testing Report

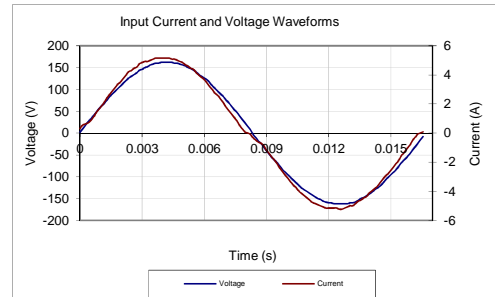
TYPICAL EFFICIENCY (50% Load):	90.49%
AVERAGE EFFICIENCY :	89.11%
80 PLUS COMPLIANT:	YES



Ecos ID #	3631.2
Manufacturer	Fractal Design
Model Number	FD-PSU-ED1B-750W
Serial Number	CS05A41340004
Year	2013
Type	ATX12V, EPS12V, PS2
Test Date	6/28/13

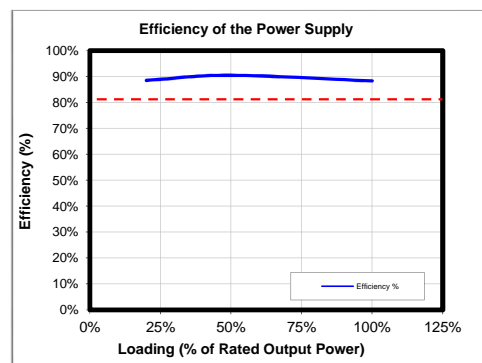
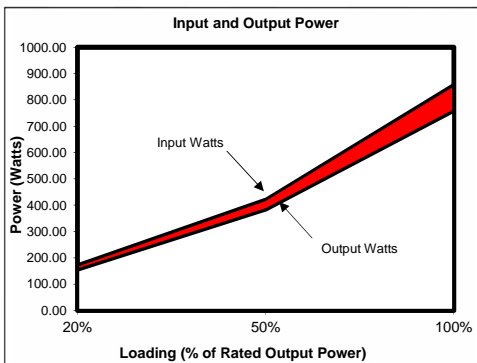
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 5.65%, 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		
0.81	0.98	13.03%	10%	91.12	12.2/5.4	11.7/0	3.4/1	5.1/1	5/0.2	76.61	84.08%
1.52	0.99	4.37%	20%	173.24	12.2/10.9	11.7/0.1	3.4/2.1	5.1/2.1	5/0.4	153.37	88.53%
3.68	1.00	5.65%	50%	421.70	12.2/27.1	11.9/0.1	3.4/5.2	5.1/5.2	5/1.1	381.62	90.49%
7.47	1.00	5.12%	100%	858.10	12.2/54	12.3/0.3	3.3/10.5	5/10.4	5/2.2	757.86	88.32%



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/>

