

80 PLUS Verification and Testing Report

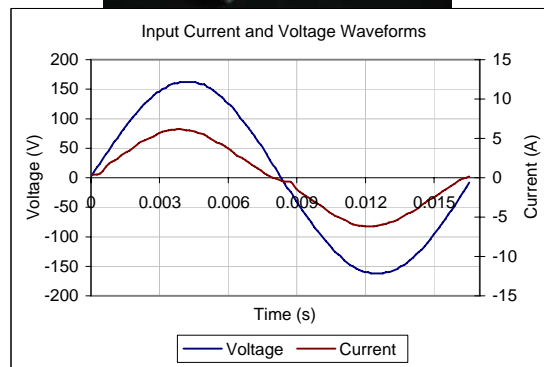
TYPICAL EFFICIENCY (50% Load): 85.57%
AVERAGE EFFICIENCY : 83.58%
80 PLUS COMPLIANT: YES



Ecos ID #	1013
Manufacturer	ACBEL
Model Number	FS6011
Serial Number	NA
Year	2008
Type	EPS1U
Test Date	10/8/2008

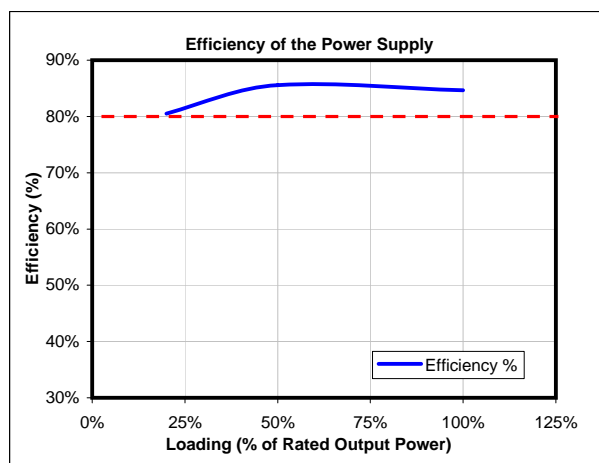
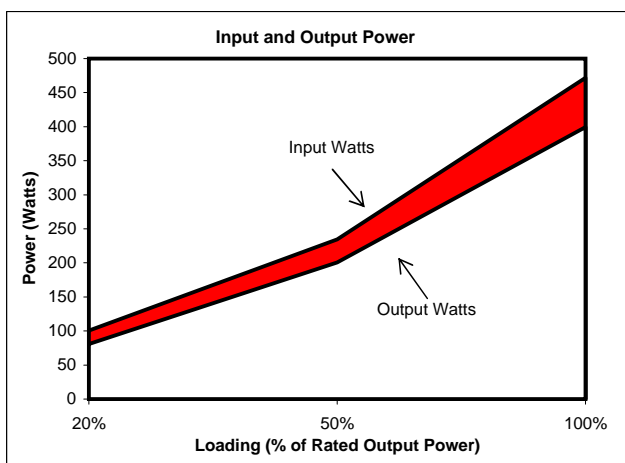
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5.2-2.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	400	Watts

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



Input AC Current Waveform (ITHD = 12.74%, 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		
0.90	0.97	16.6%	20%	Light	101	12.1/5	12.1/0.1	3.4/2.5	5.2/1.9	5.1/0.3	81	80.51%
2.07	0.98	12.7%	50%	Typical	235	12/12.5	12.1/0.2	3.4/6.2	5.1/4.7	5.1/0.8	201	85.57%
4.14	0.99	9.4%	100%	Full	472	11.9/25	12.1/0.4	3.4/12.4	5/9.3	5.1/1.6	400	84.67%



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/>

