

80 PLUS Verification and Testing Report

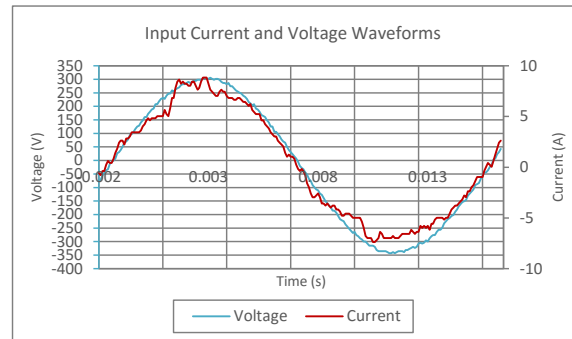
TYPICAL EFFICIENCY (50% Load):	95.11%
AVERAGE EFFICIENCY :	93.35%
80 PLUS COMPLIANT:	YES



ID Number	SO-1279
Manufacturer	AcBel Polytech Inc.
Model Number	FSF069
Serial Number	11S01KL779YL10A075B10C
Year	2017
Type	CUSTOM
Test Date	06/01/17

Rated Specifications	Value	Units
Input Voltage	200-277	Volts
Input Current	12	Amps
Input Frequency	50/60	Hz
Rated Output Power	2,200	Watts

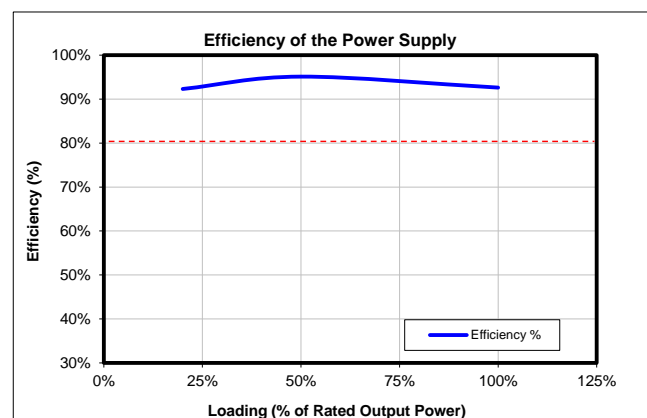
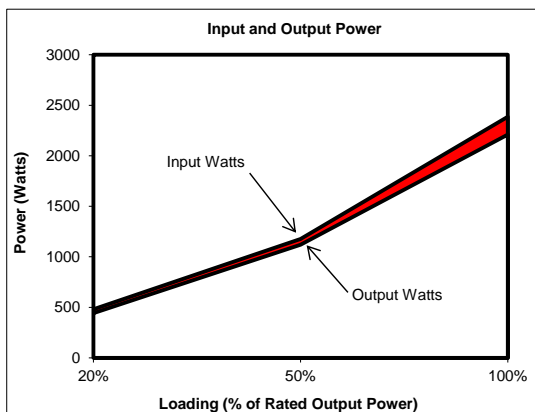
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 8.13%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency %
							12.2V	12Vsb		
1.20	0.90	8.36	10%	Low	250	1.92	12.27/17.83	12.26/0.25	222	88.86%
2.17	0.96	5.76	20%	Light	481	2.64	12.27/35.67	12.24/0.5	444	92.31%
5.17	0.99	8.13	50%	Typical	1177	16.56	12.25/90.14	12.2/1.24	1120	95.11%
10.43	0.99	3.44	100%	Full	2386	9.72	12.23/178.28	12.12/2.48	2210	92.62%

* Fan power is not included in the efficiency calculations



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/>

