



EXTRA TEST DATA OF LFA50F-5

*Regulated DC Power Supply
Aug, 03, 2020*

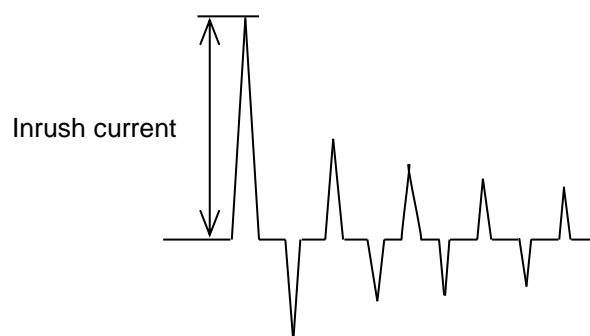
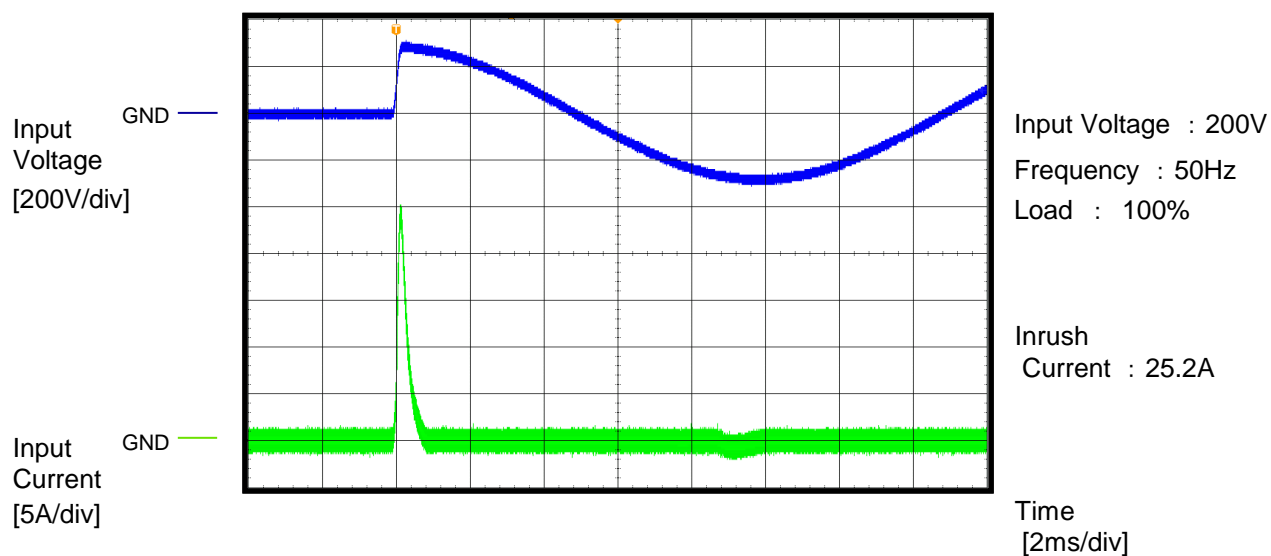
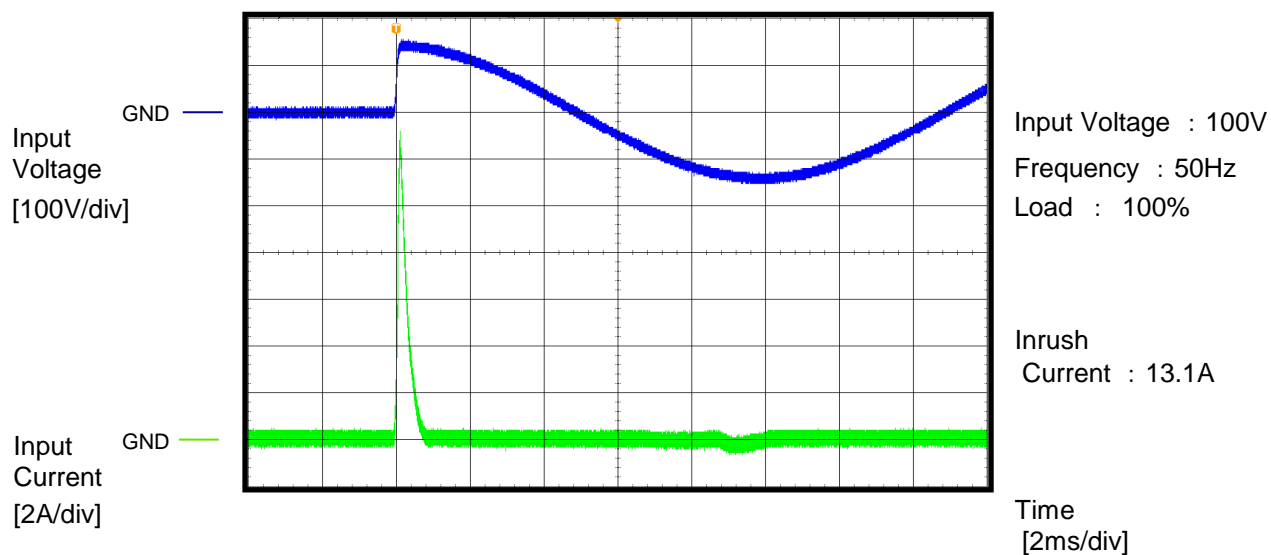
COSEL CO.,LTD.

CONTENTS

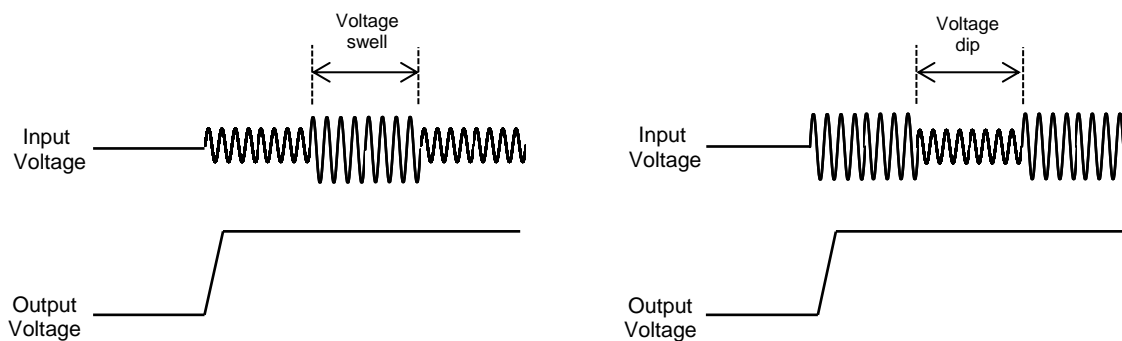
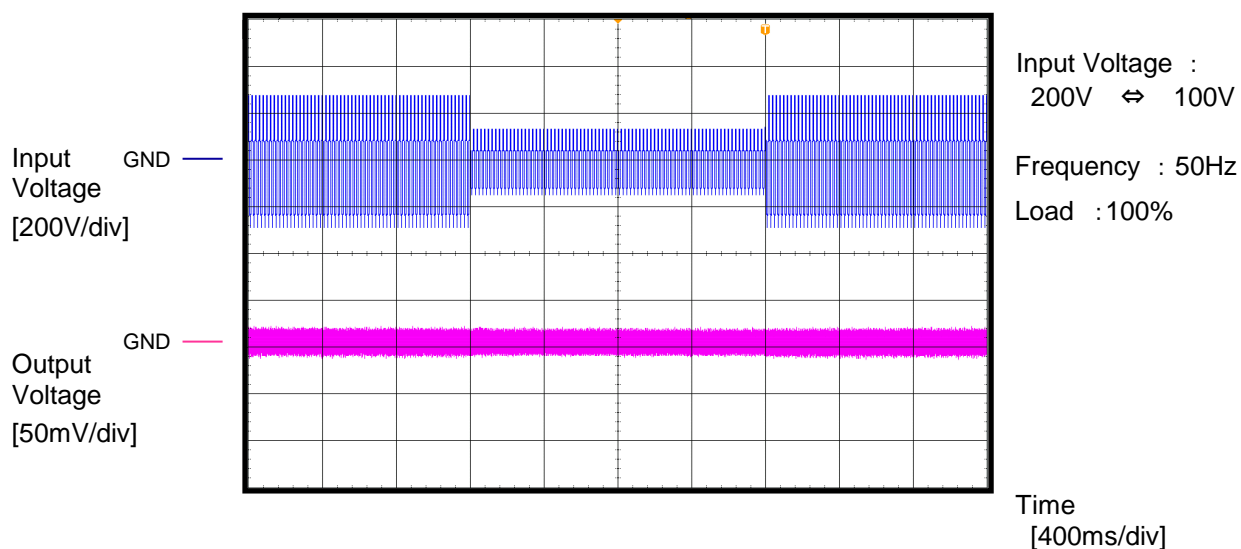
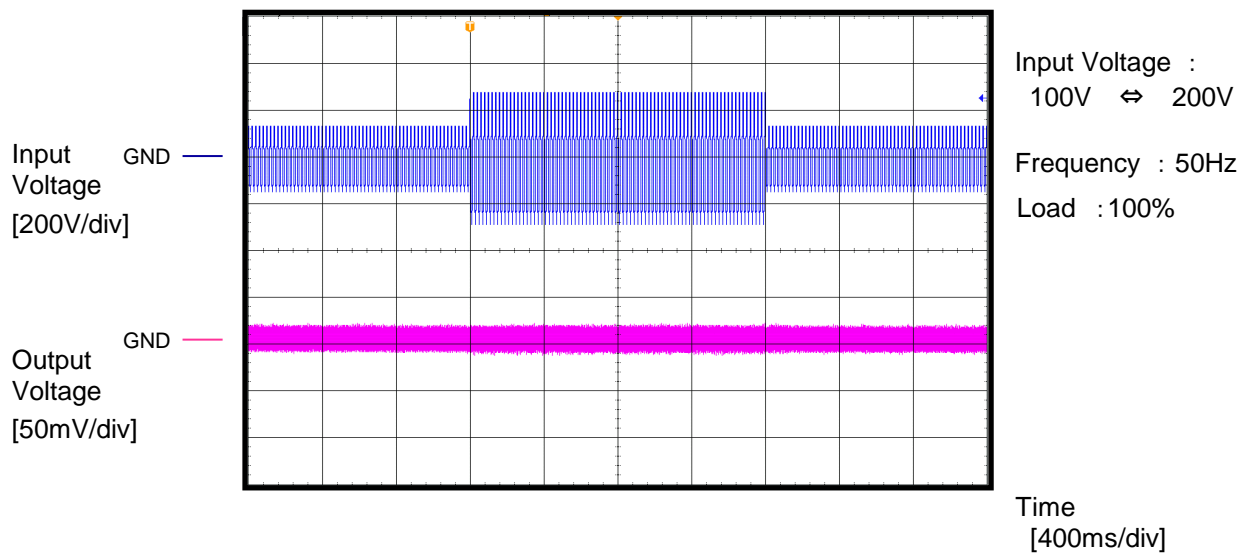
1.Inrush Current (enlargement)	1
2.Dynamic Line Regulation	2
3.Overvoltage Protection (waveform)	3
4.Hiccup cycle (by Overcurrent Protection)	4
5.Figure of Testing Circuitry	5

(Final Page 5)

Model	LFA50F-5	Temperature	25°C
Item	Inrush Current (enlargement)	Testing Circuitry	A
Object	_____		



Model	LFA50F-5	Temperature	25°C
Item	Dynamic Line Regulation	Testing Circuitry	A
Object	_____		

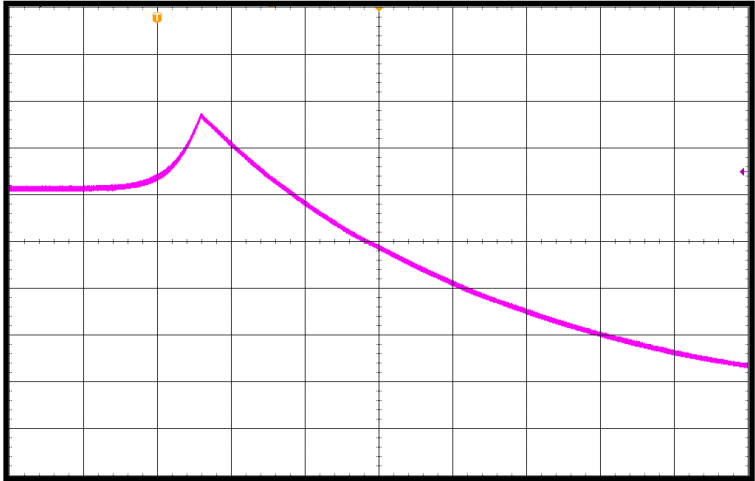




Model	LFA50F-5		
Item	Over Voltage Protection	Temperature	25°C
		Testing Circuitry	A
Object		Input Voltage : 100V	

Output
Voltage
[1V/div]

GND

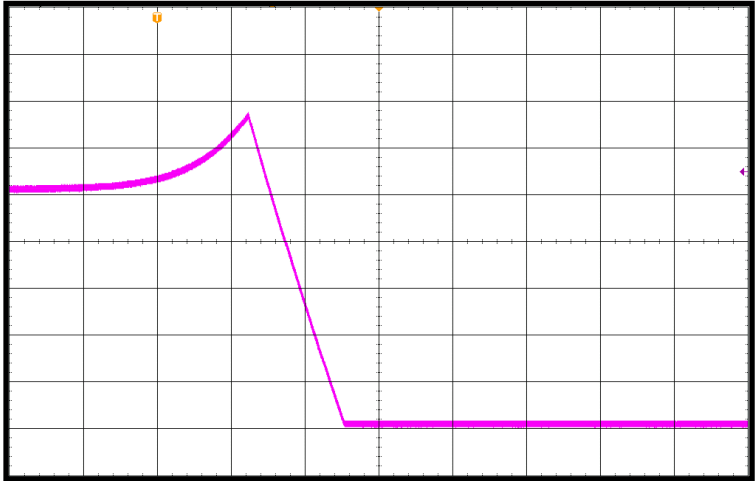


Load : 0%
Overvoltage protection
value : 6.7V

Time
[40ms/div]

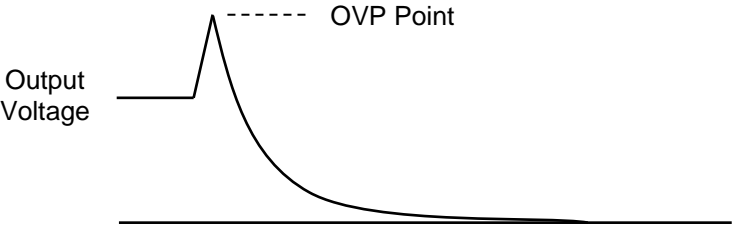
Output
Voltage
[1V/div]

GND



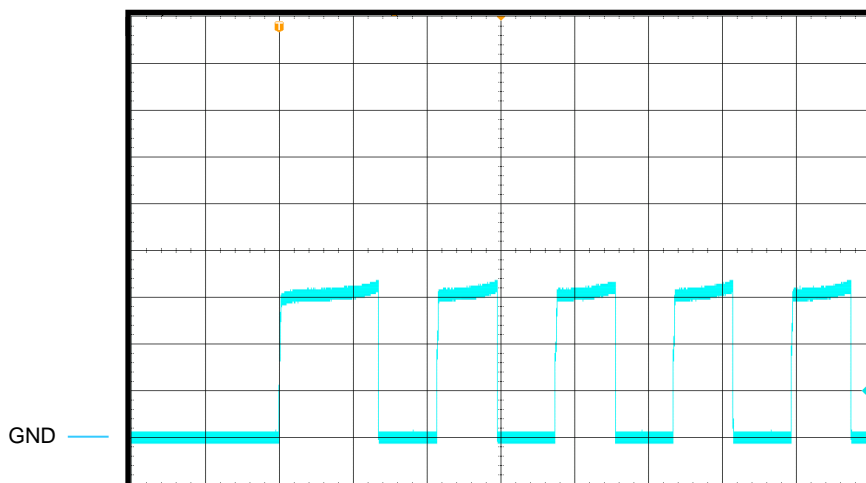
Load : 100%
Overvoltage protection
value : 6.8V

Time
[20ms/div]



Model	LFA50F-5	Temperature	25°C
Item	Short Circuit Current	Testing Circuitry	A
Object		Load	: Short

Output Current
[5A/div]



Input Voltage : 100V

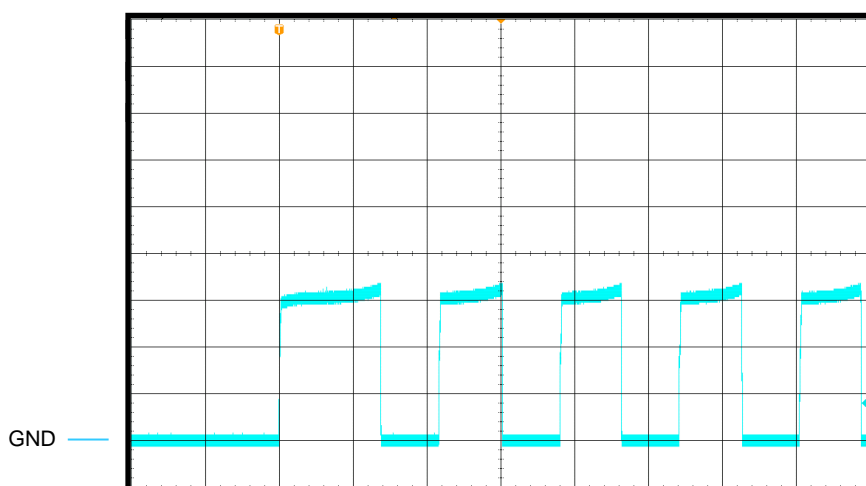
Short-circuit current : 16.8A

ON Time : 269ms

Hiccup mode time : 427ms

Time
[200ms/div]

Output Current
[5A/div]



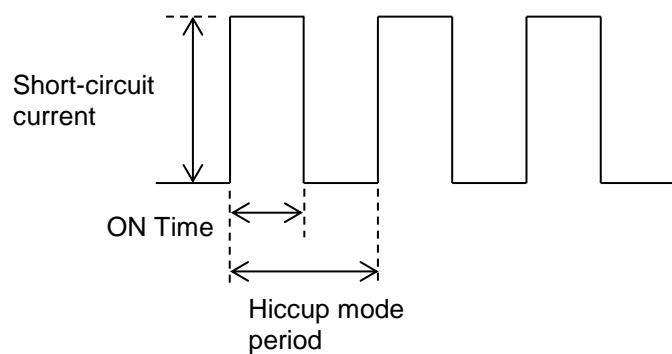
Input Voltage : 200V

Short-circuit current : 17A

ON Time : 275ms

Hiccup mode time : 432ms

Time
[200ms/div]



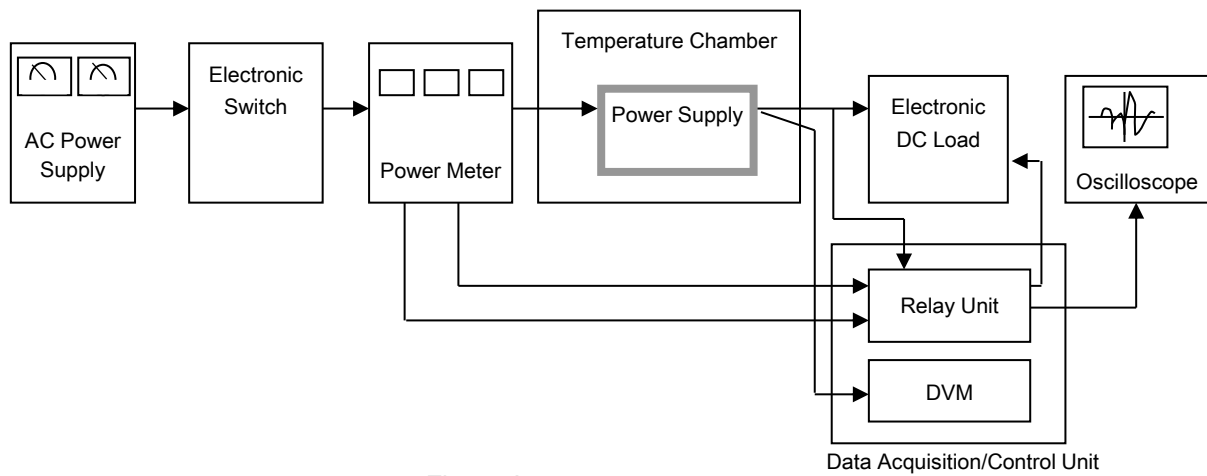


Figure A