



## ***EXTRA TEST DATA OF LFA75F-5***

*Regulated DC Power Supply  
Aug, 17, 2020*

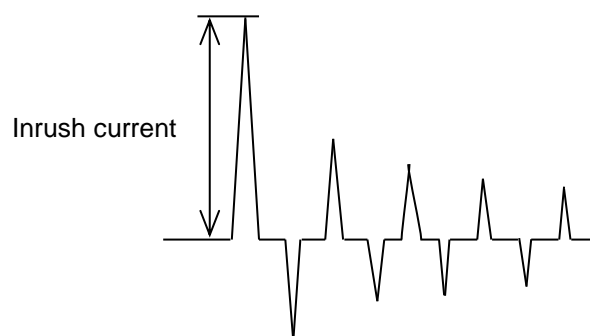
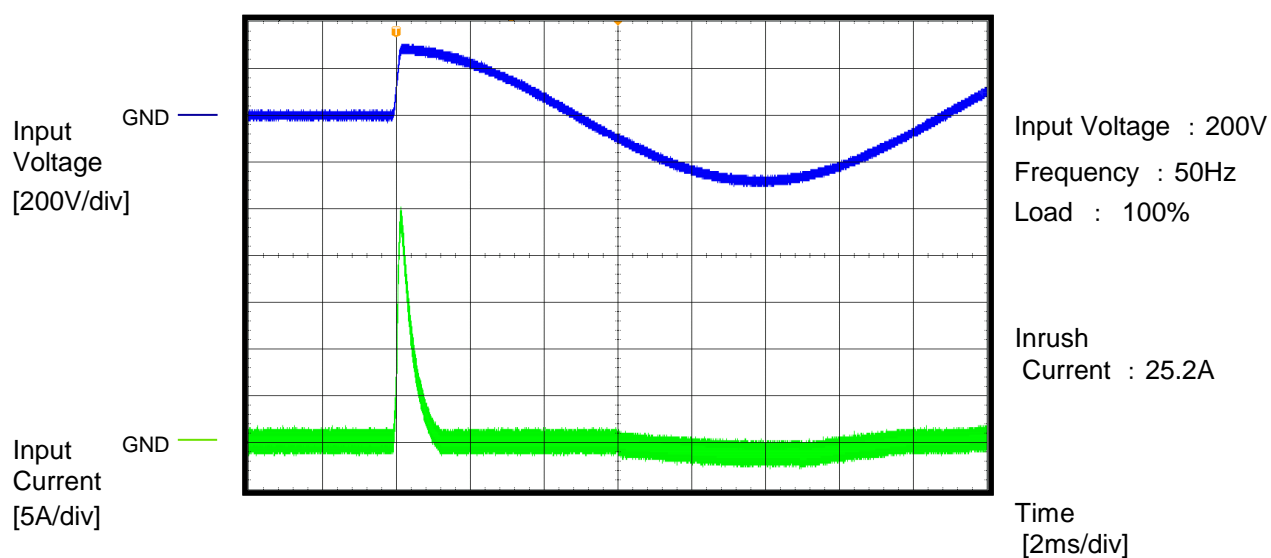
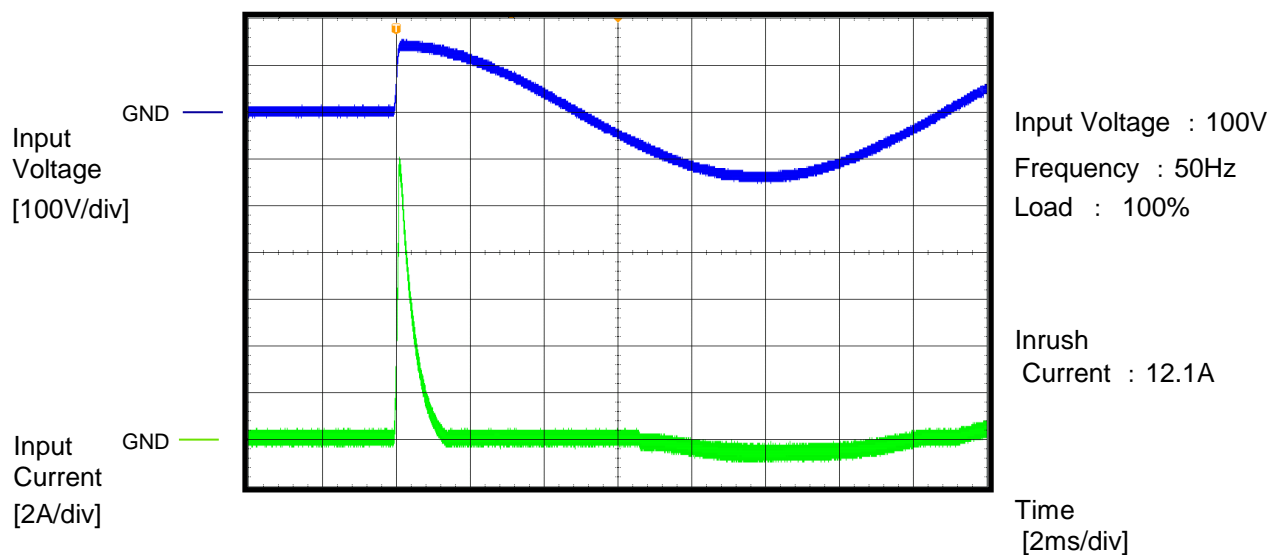
**COSEL CO.,LTD.**

## CONTENTS

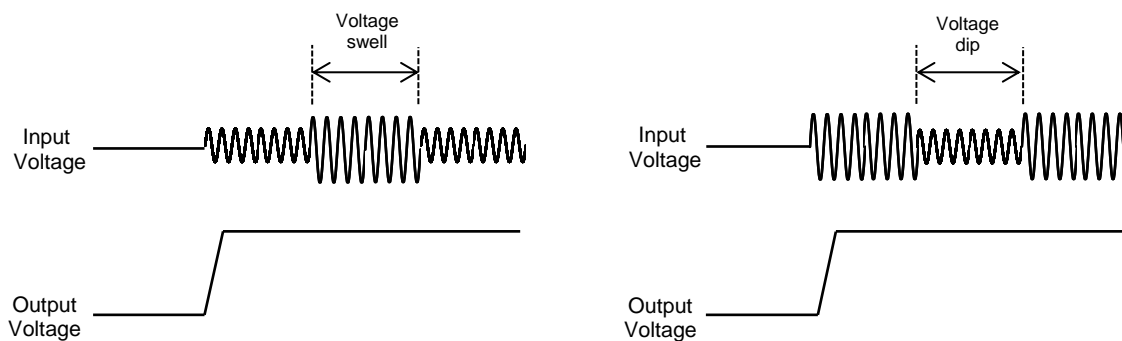
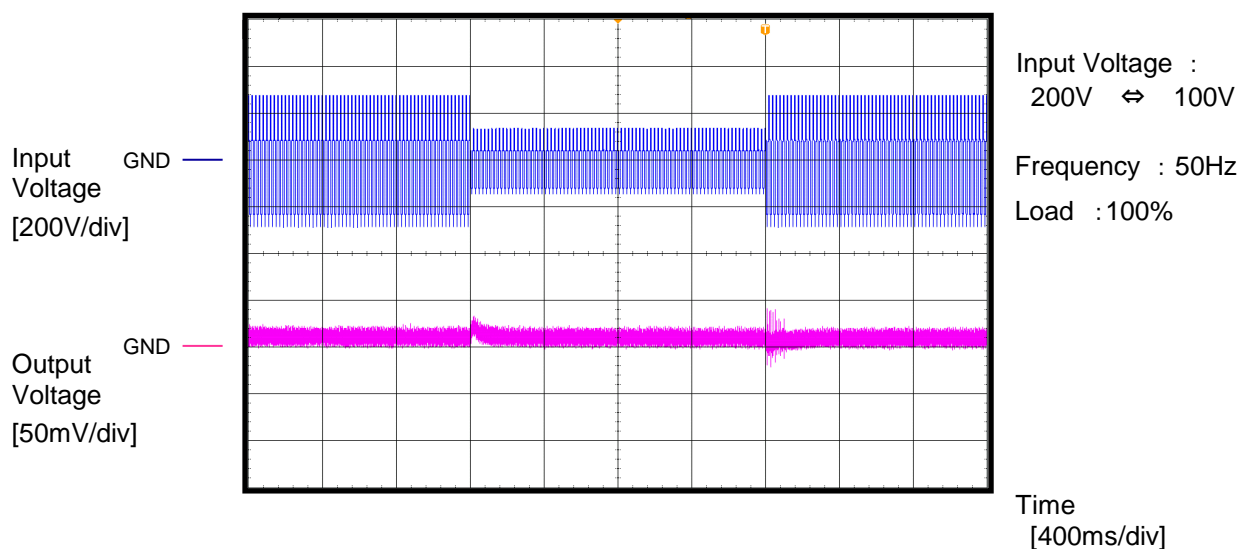
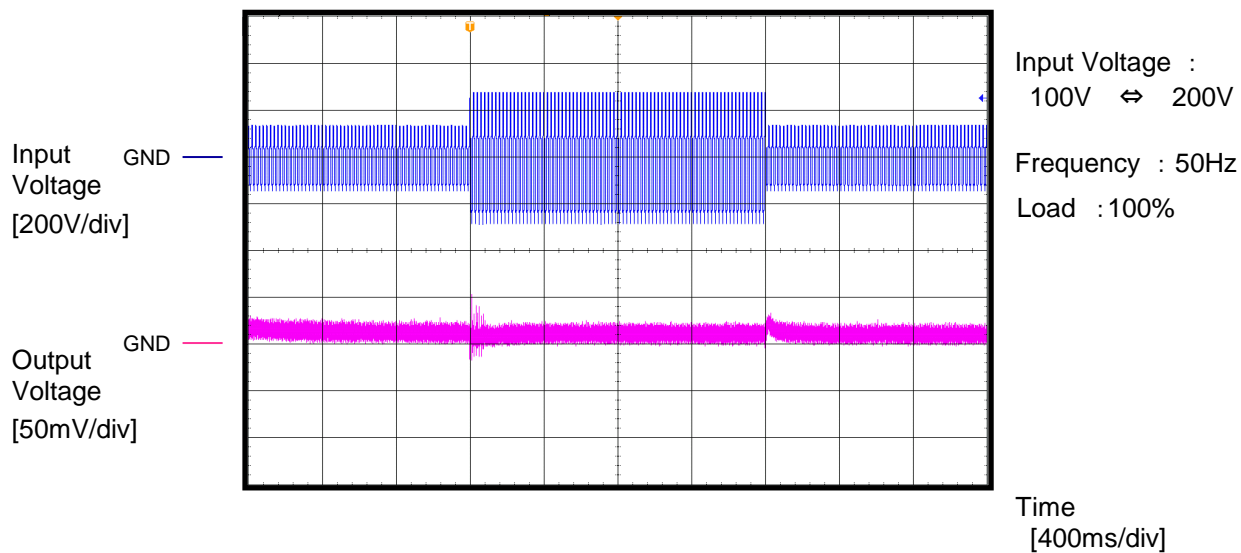
1.Inrush Current (enlargement) . . . . .	1
2.Dynamic Line Regulation . . . . .	2
3.Overvoltage Protection (waveform) . . . . .	3
4.Hiccup cycle (by Overcurrent Protection) . . . . .	4
5.Figure of Testing Circuitry . . . . .	5

(Final Page 5)

Model	LFA75F-15		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A

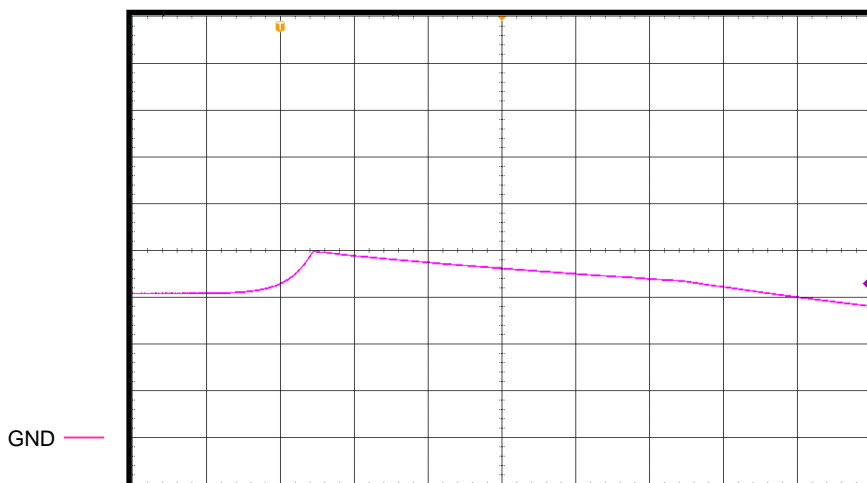


Model	LFA75F-15	Temperature	25°C
Item	Dynamic Line Regulation	Testing Circuitry	A
Object	_____		



Model	LFA75F-15	Temperature	25°C
Item	Over Voltage Protection	Testing Circuitry	A
Object		Input Voltage : 100V	

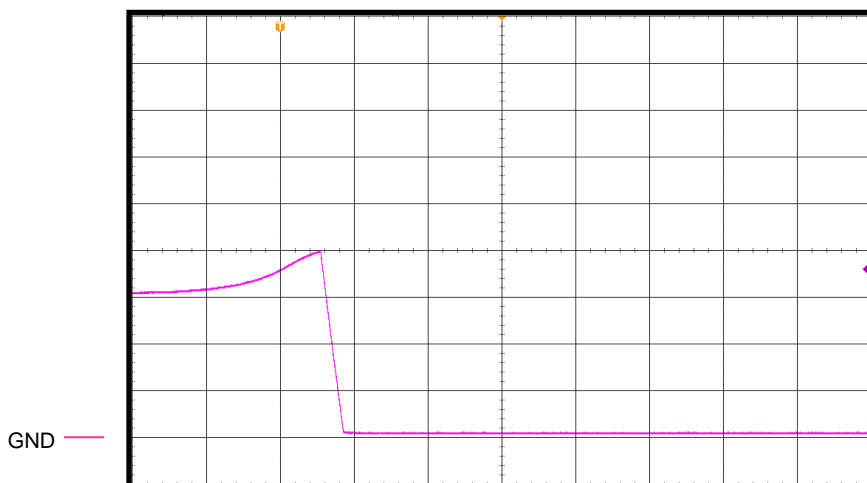
Output  
Voltage  
[5V/div]



Load : 0%  
Overvoltage protection  
value : 20V

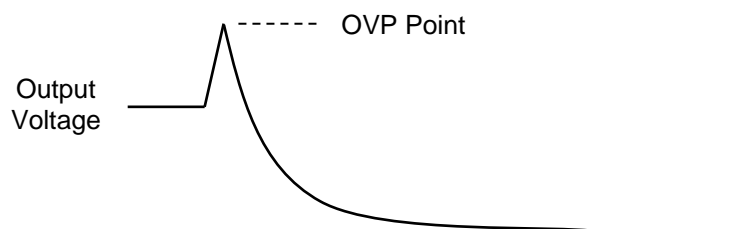
Time  
[40ms/div]

Output  
Voltage  
[5V/div]



Load : 100%  
Overvoltage protection  
value : 19.9V

Time  
[20ms/div]

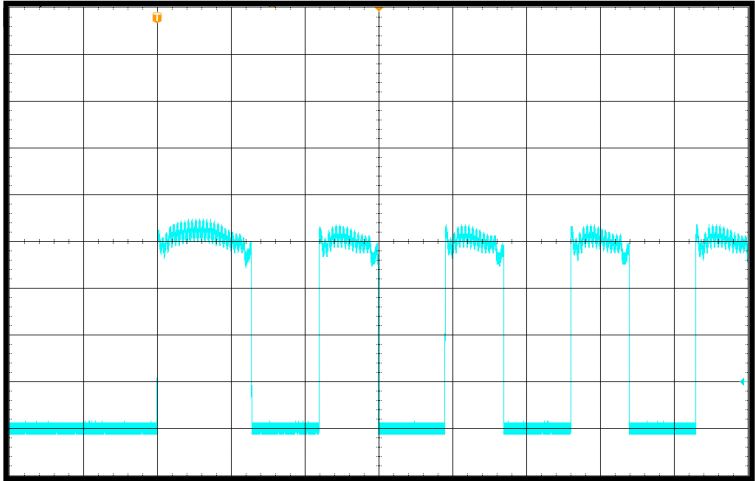




Model	LFA75F-15	Temperature	25°C
Item	Short Circuit Current	Testing Circuitry	A
Object		Load : Short	

Output Current  
[5A/div]

GND



Input Voltage : 100V

Short-circuit current : 22.4A

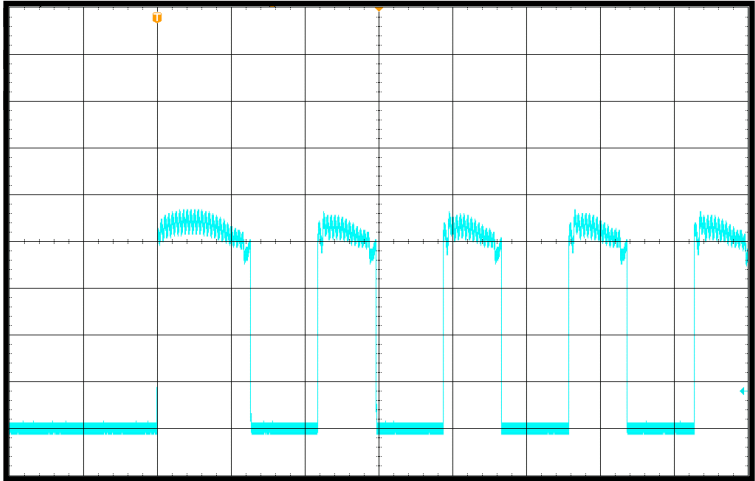
ON Time : 256ms

Hiccup mode time : 438ms

Time  
[200ms/div]

Output Current  
[5A/div]

GND



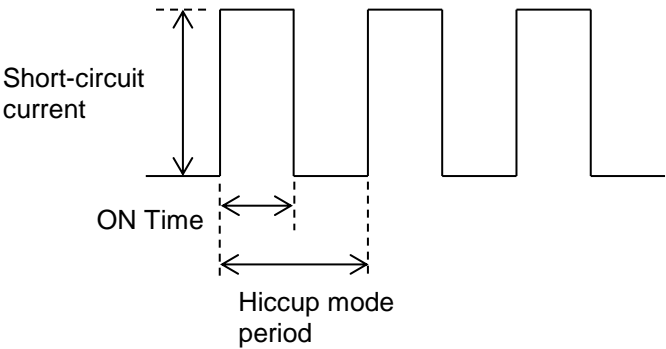
Input Voltage : 200V

Short-circuit current : 23.4A

ON Time : 254ms

Hiccup mode time : 435ms

Time  
[200ms/div]



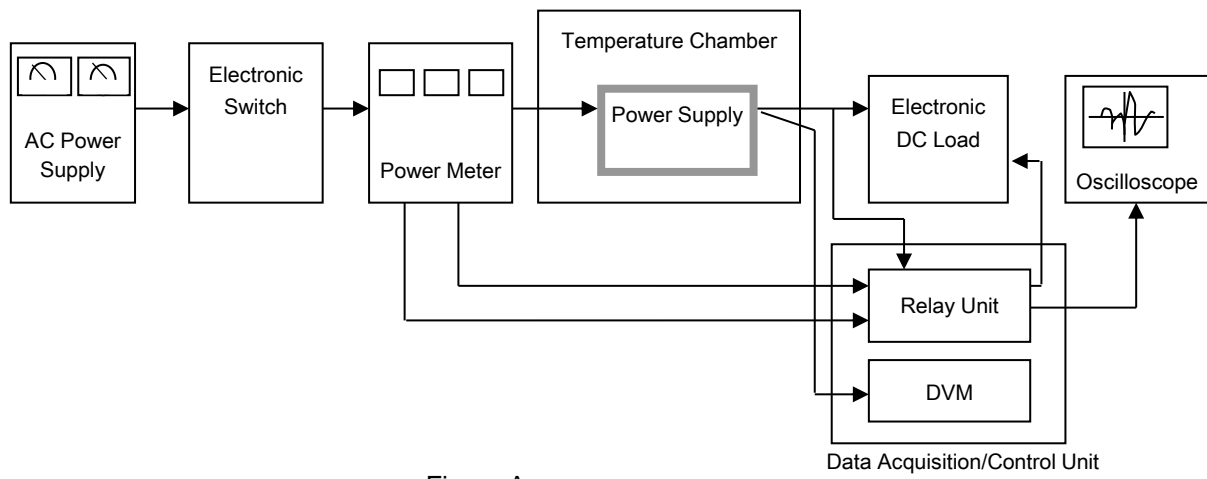


Figure A