



## ***EXTRA TEST DATA OF LFA10F-12***

*Regulated DC Power Supply  
Jul, 27, 2020*

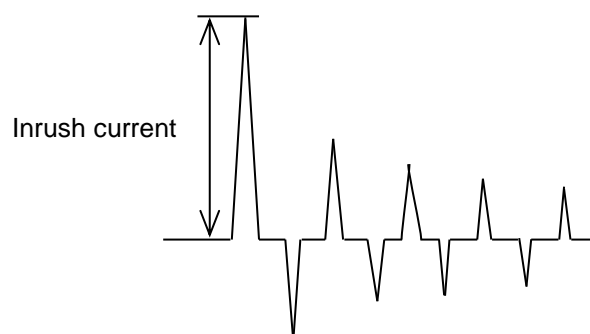
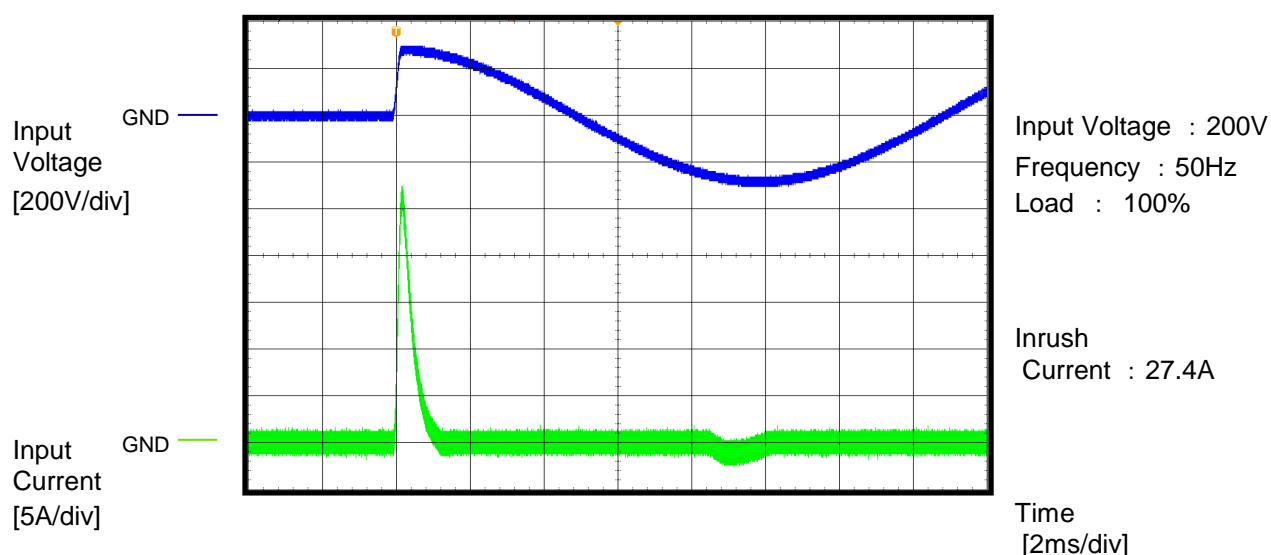
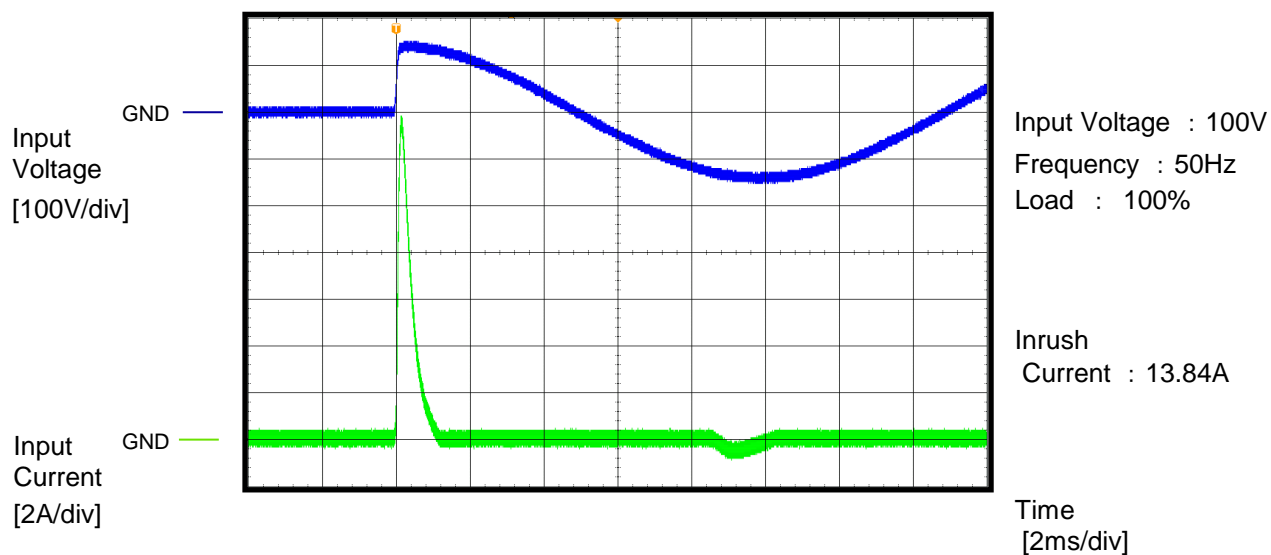
**COSEL CO.,LTD.**

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Model	LFA10F-12	Temperature	25°C
Item	Inrush Current (enlargement)	Testing Circuitry	A
Object	_____		

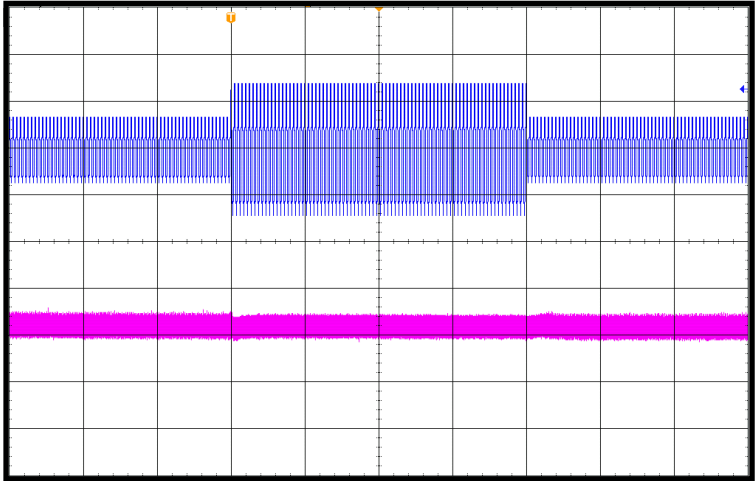




Model		LFA10F-12	Temperature     25°C Testing Circuitry   A
Item		Dynamic Line Regulation	
Object		_____	

Input     GND —  
Voltage  
[200V/div]

Output     GND —  
Voltage  
[50mV/div]

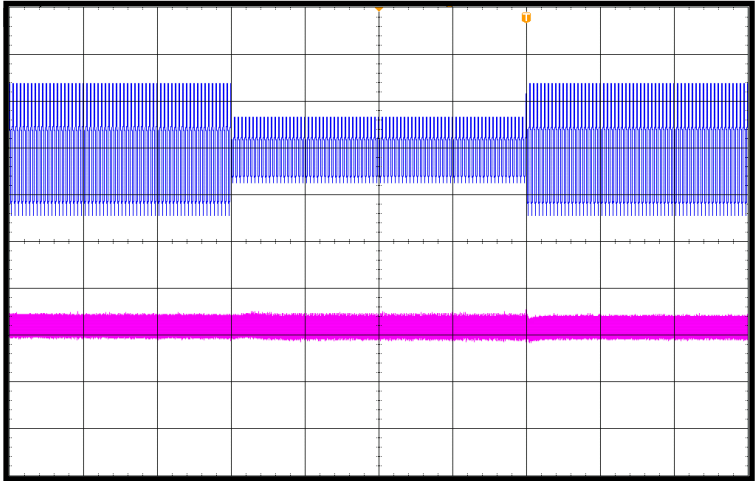


Input Voltage :  
100V ⇔ 200V  
Frequency : 50Hz  
Load : 100%

Time  
[400ms/div]

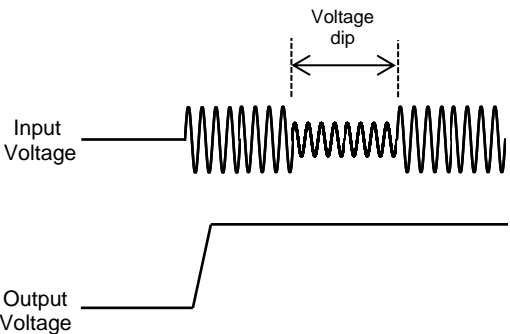
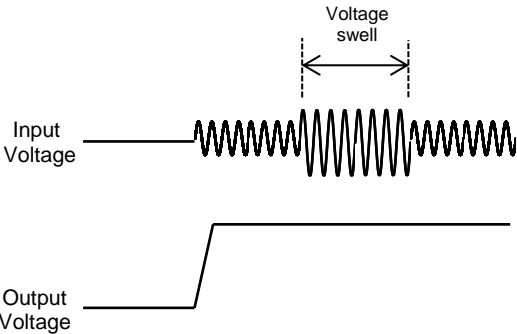
Input     GND —  
Voltage  
[200V/div]

Output     GND —  
Voltage  
[50mV/div]



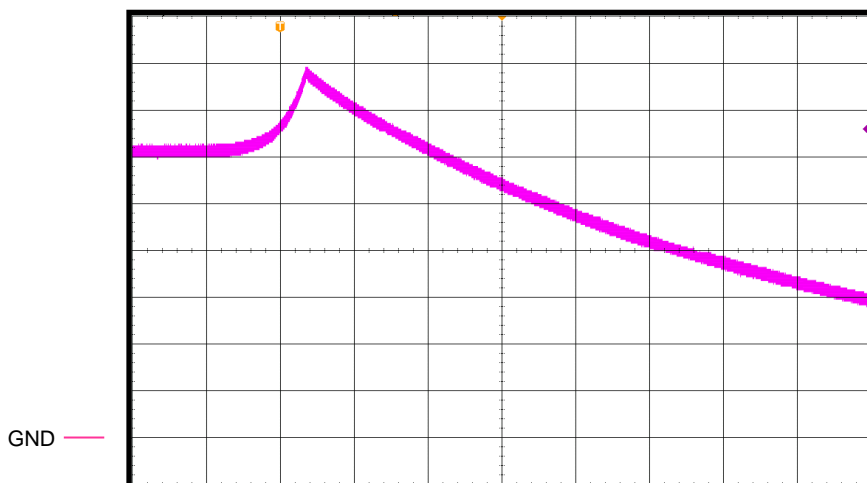
Input Voltage :  
200V ⇔ 100V  
Frequency : 50Hz  
Load : 100%

Time  
[400ms/div]



Model	LFA10F-12	Temperature	25°C
Item	Over Voltage Protection	Testing Circuitry	A
Object		Input Voltage : 100V	

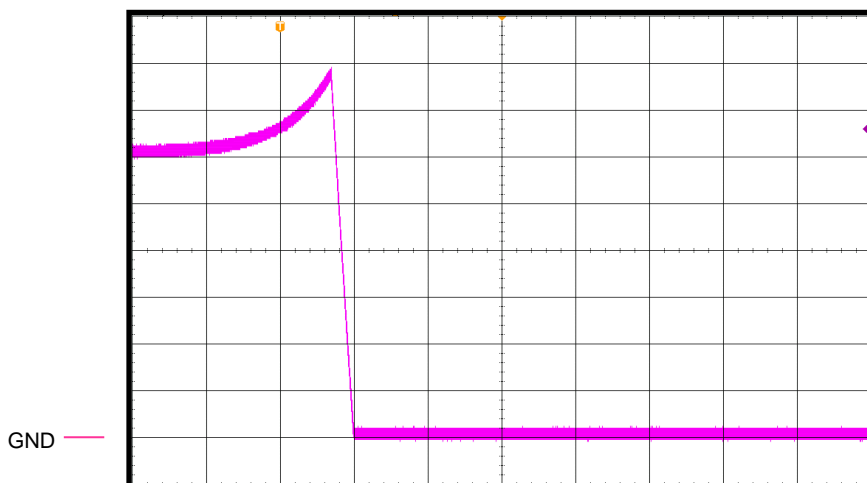
Output Voltage  
[2V/div]



Load : 0%  
Overvoltage protection  
value : 15.8V

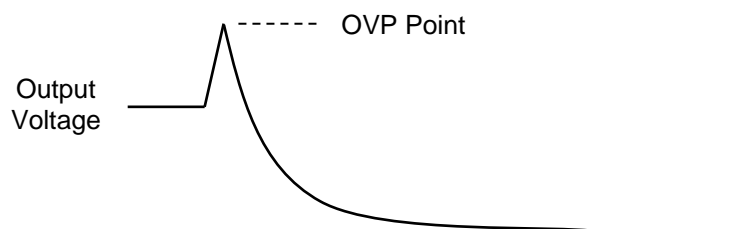
Time  
[40ms/div]

Output Voltage  
[2V/div]



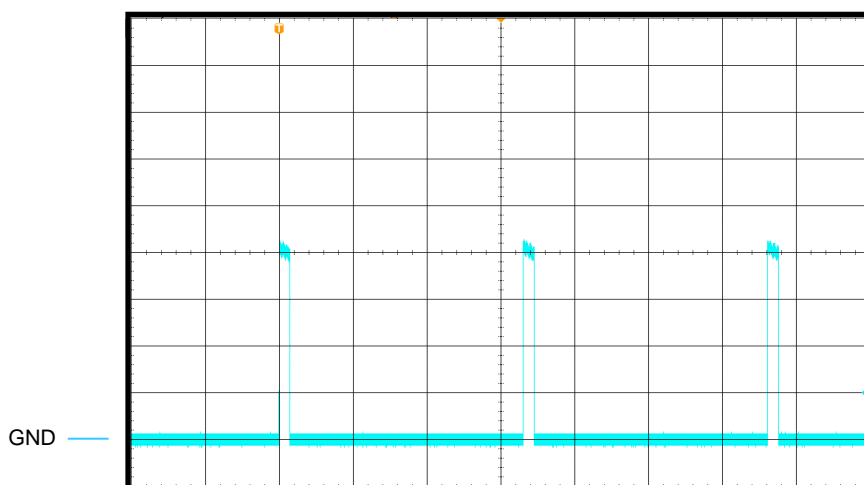
Load : 100%  
Overvoltage protection  
value : 15.8V

Time  
[20ms/div]



Model	LFA10F-12	Temperature	25°C
Item	Short Circuit Current	Testing Circuitry	A
Object		Load	: Short

Output Current  
[1A/div]



Input Voltage : 100V

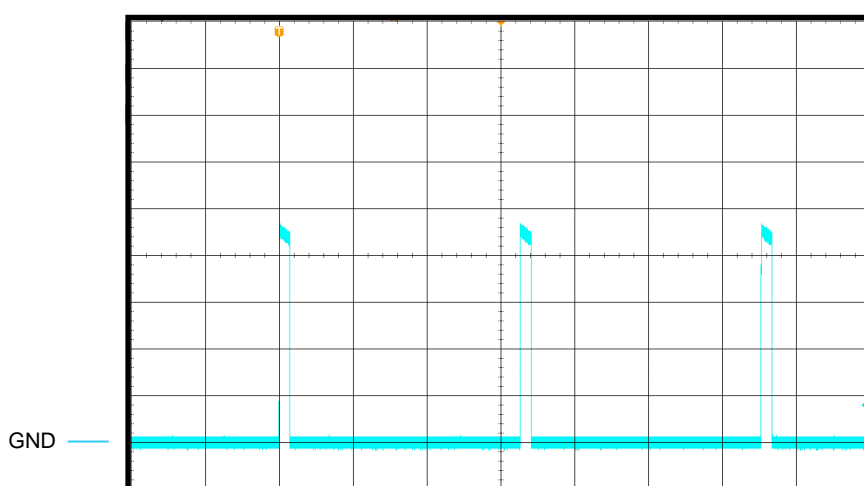
Short-circuit current : 4.3A

ON Time : 29ms

Hiccup mode time : 661ms

Time  
[200ms/div]

Output Current  
[1A/div]



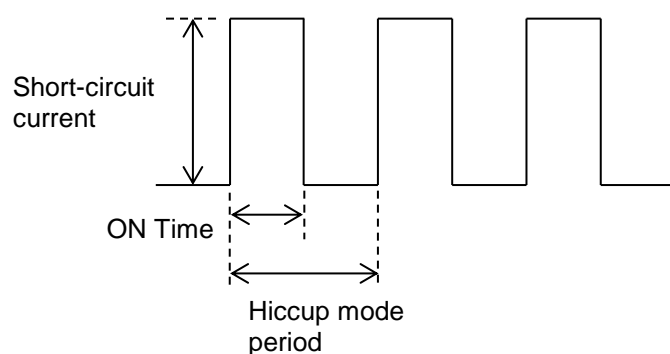
Input Voltage : 200V

Short-circuit current : 4.7A

ON Time : 29ms

Hiccup mode time : 653ms

Time  
[200ms/div]



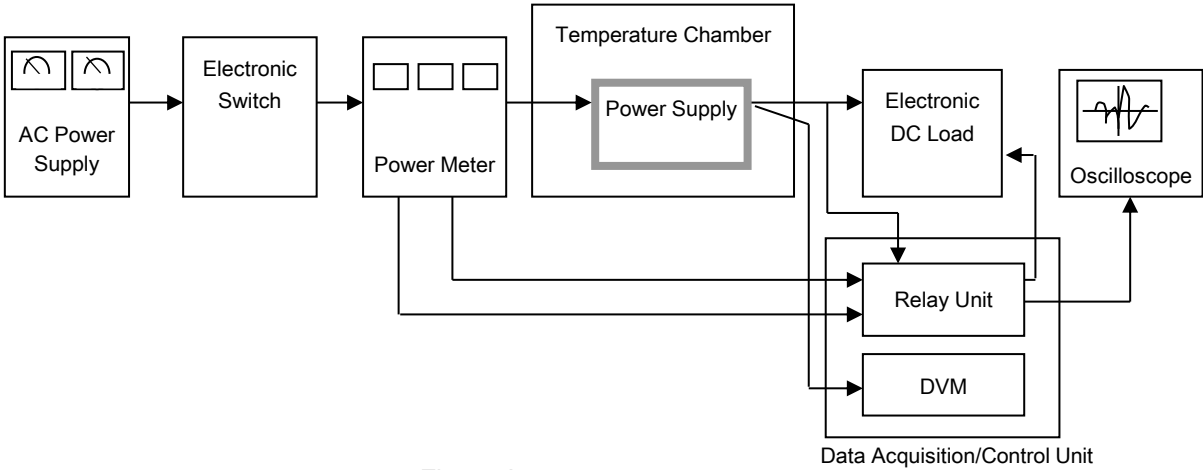


Figure A