



EXTRA TEST DATA OF LFA10F-15

*Regulated DC Power Supply
Jul, 27, 2020*

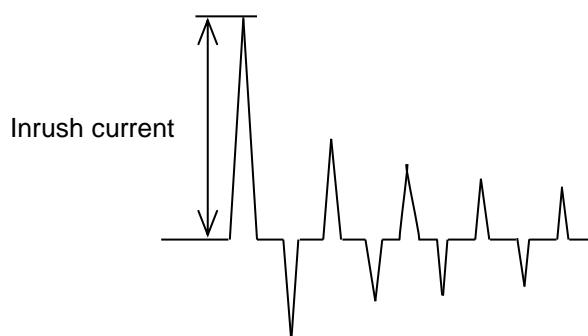
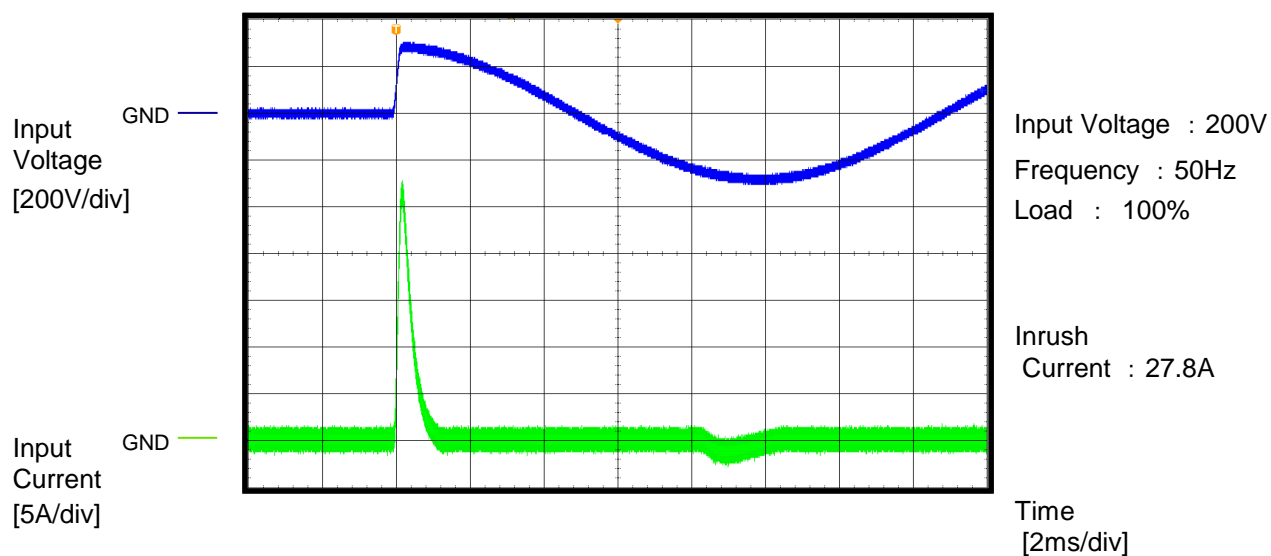
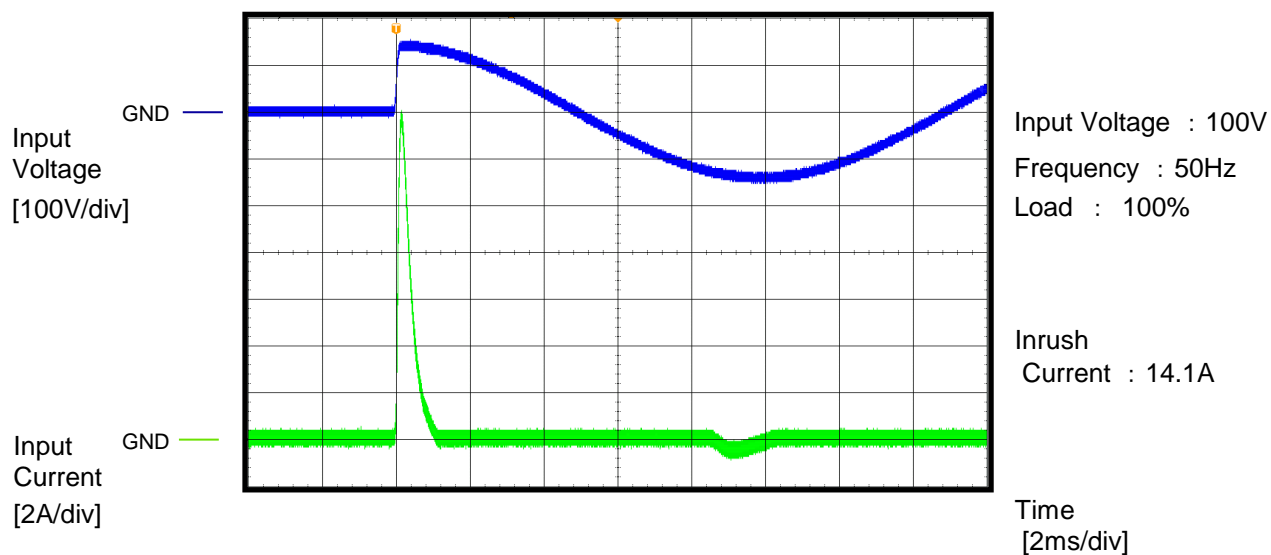
COSEL CO.,LTD.

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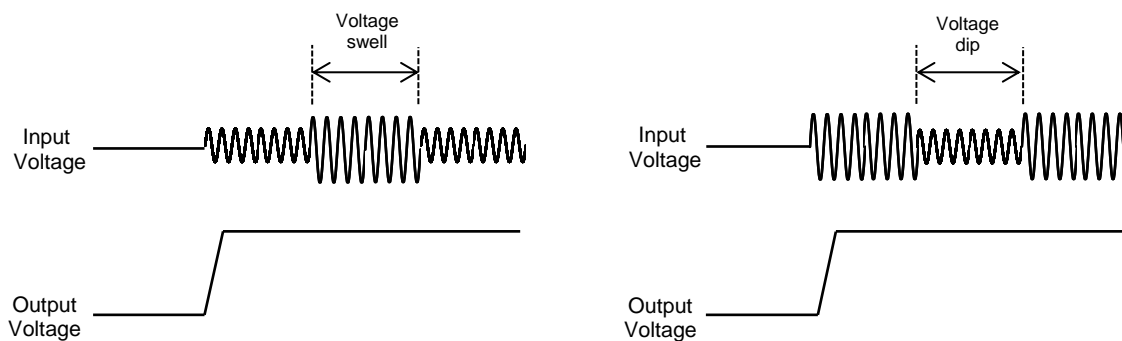
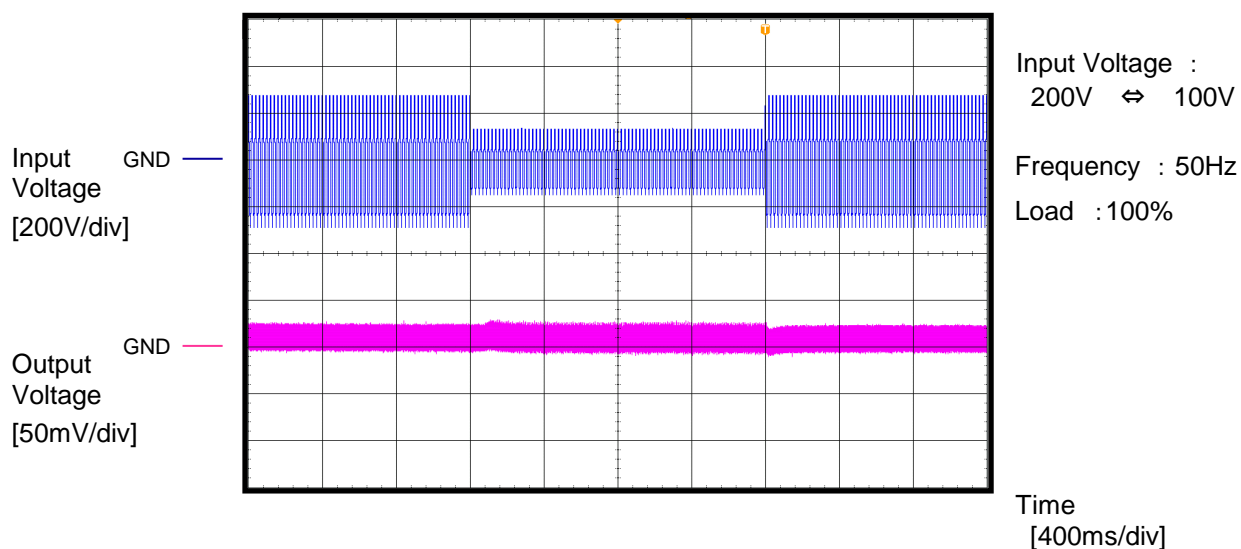
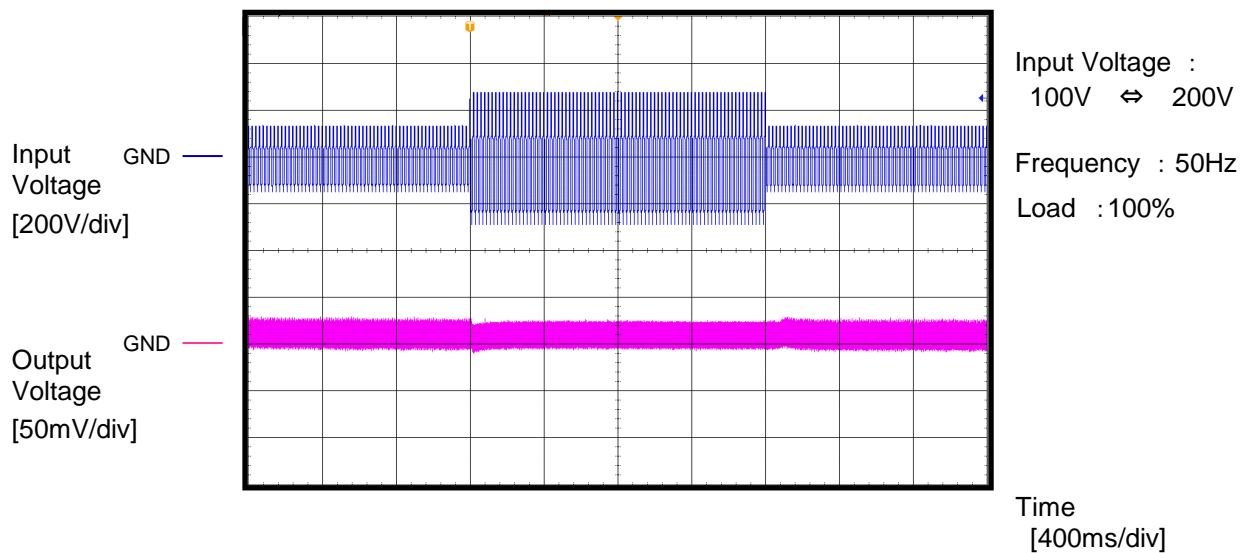
| | |
|--|---|
| 1.Inrush Current (enlargement) | 1 |
| 2.Dynamic Line Regulation | 2 |
| 3.Overvoltage Protection (waveform) | 3 |
| 4.Hiccup cycle (by Overcurrent Protection) | 4 |
| 5.Figure of Testing Circuitry | 5 |

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| | | | |
|--------|------------------------------|-------------------|------|
| Model | LFA10F-15 | Temperature | 25°C |
| Item | Inrush Current (enlargement) | Testing Circuitry | A |
| Object | _____ | | |

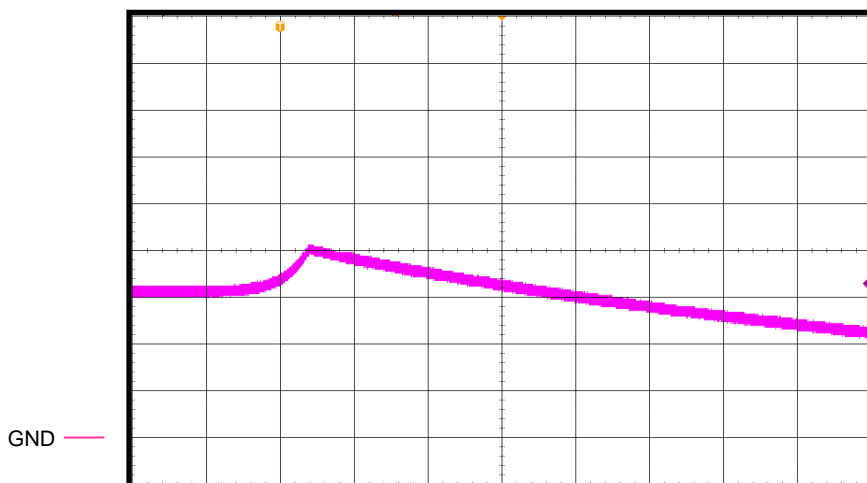


| | | | |
|--------|-------------------------|-------------------|------|
| Model | LFA10F-15 | Temperature | 25°C |
| Item | Dynamic Line Regulation | Testing Circuitry | A |
| Object | _____ | | |



| | | | |
|--------|-------------------------|----------------------|------|
| | | | |
| Model | LFA10F-15 | Temperature | 25°C |
| Item | Over Voltage Protection | Testing Circuitry | A |
| Object | | Input Voltage : 100V | |

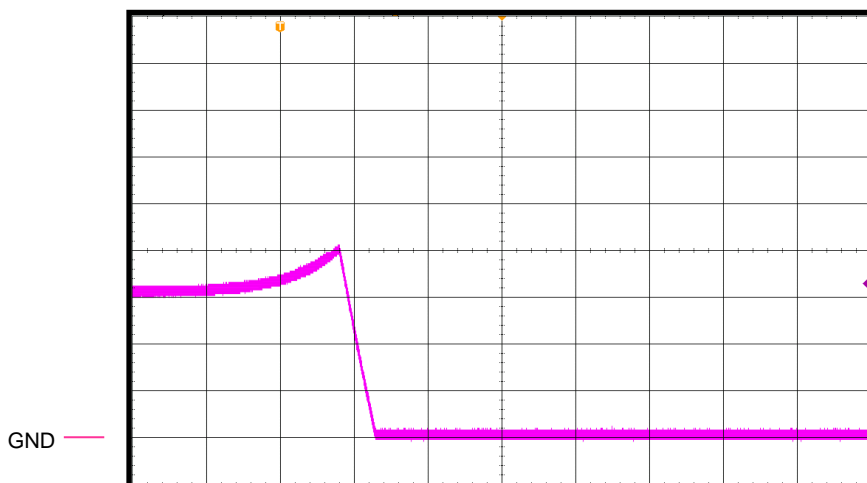
Output Voltage
[5V/div]



Load : 0%
Overvoltage protection
value : 20.6V

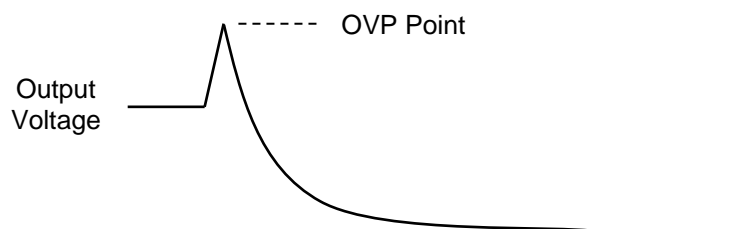
Time
[40ms/div]

Output Voltage
[5V/div]



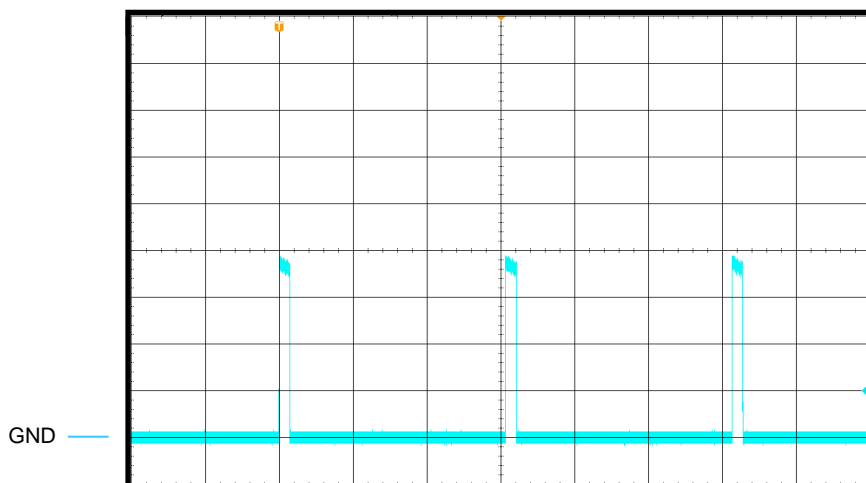
Load : 100%
Overvoltage protection
value : 20.6V

Time
[20ms/div]



| | | | |
|--------|-----------------------|-------------------|---------|
| | | | |
| Model | LFA10F-15 | Temperature | 25°C |
| Item | Short Circuit Current | Testing Circuitry | A |
| Object | | Load | : Short |

Output Current
[1A/div]



Input Voltage : 100V

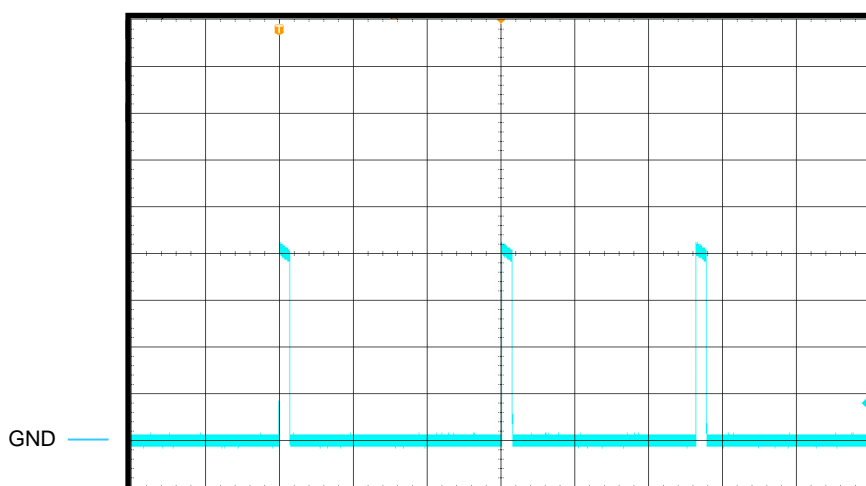
Short-circuit
current : 3.9A

ON Time : 29ms

Hiccup mode
time : 613ms

Time
[200ms/div]

Output Current
[1A/div]



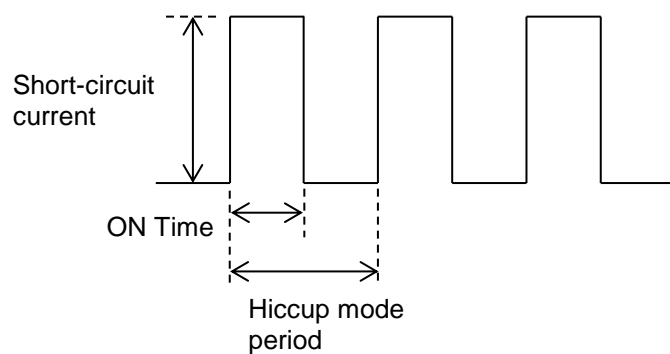
Input Voltage : 200V

Short-circuit
current : 4.2A

ON Time : 29ms

Hiccup mode
time : 602ms

Time
[200ms/div]



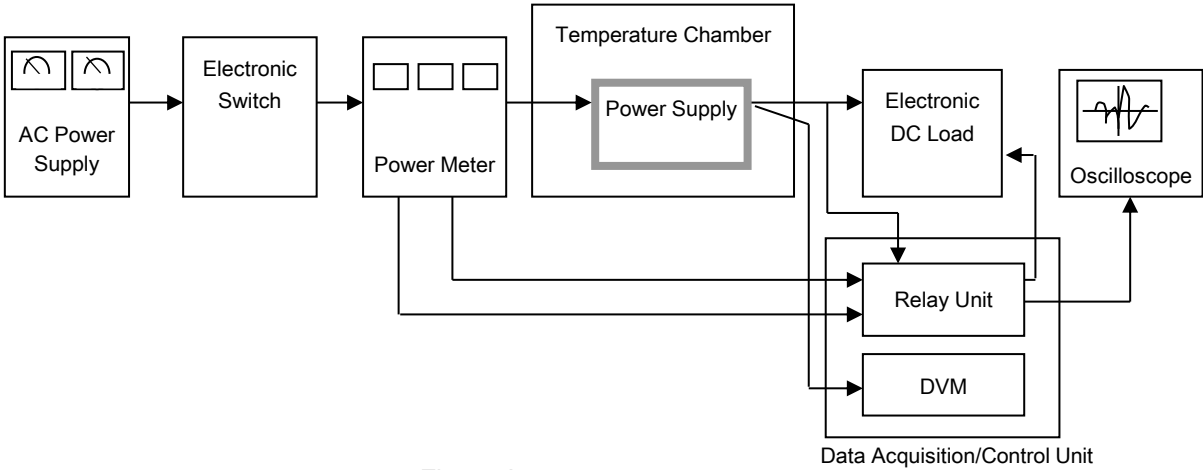


Figure A