



EXTRA TEST DATA OF LFA150F-5-Y

Regulated DC Power Supply
Oct, 19, 2020

COSEL CO.,LTD.



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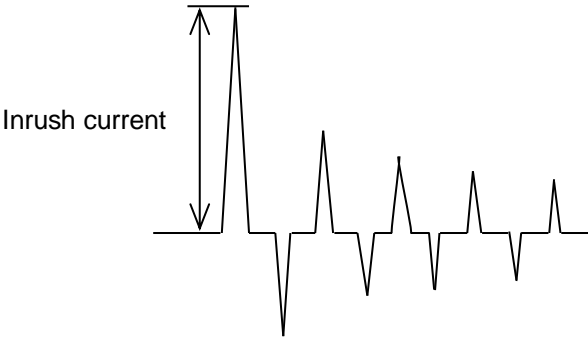
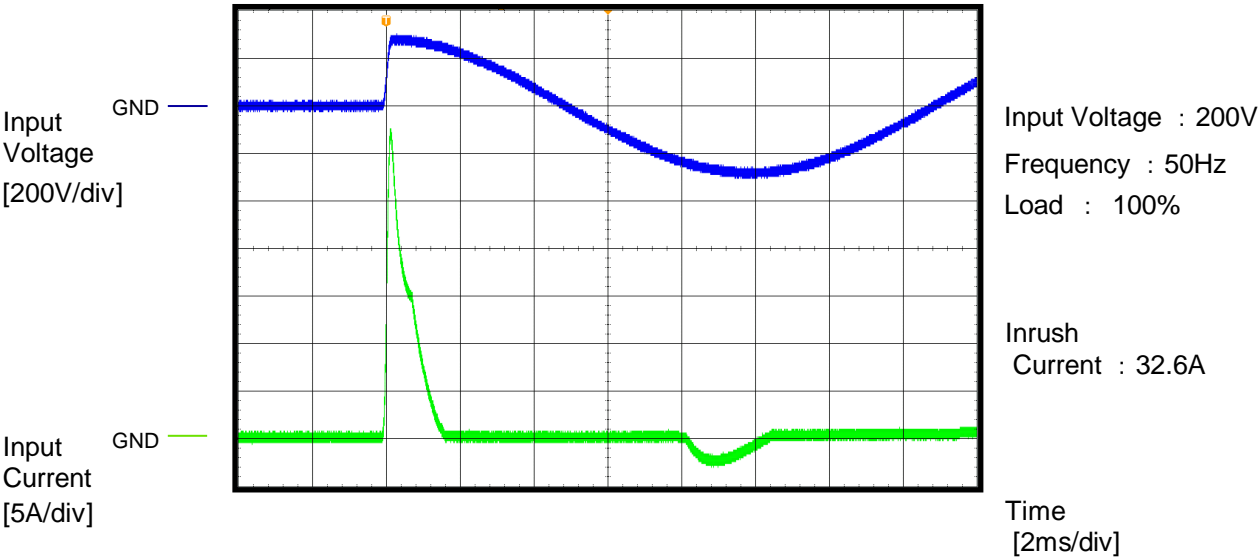
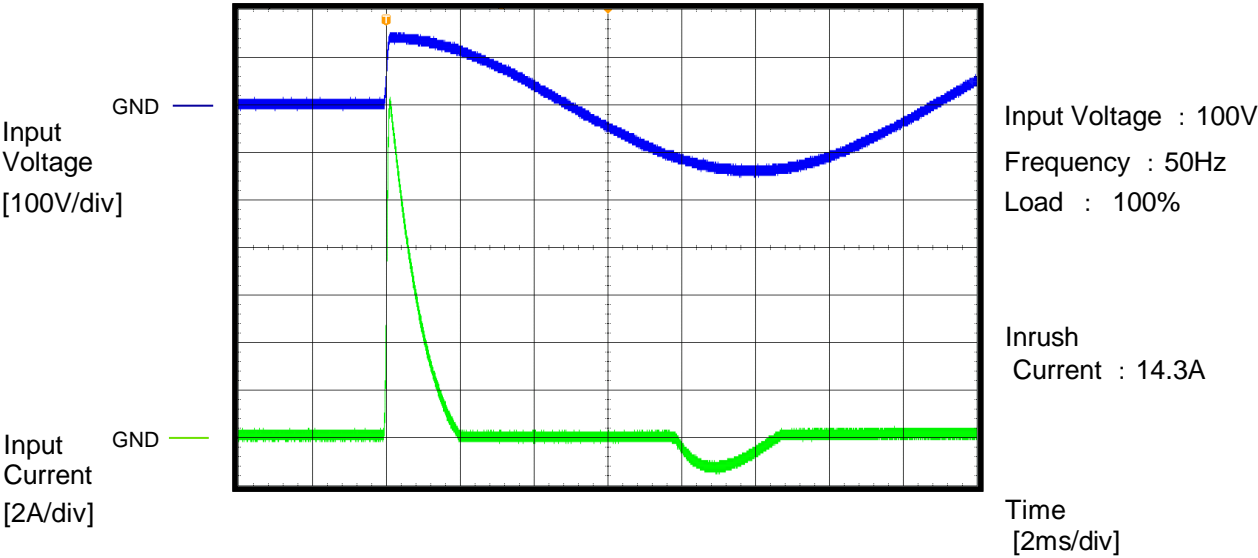
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		Temperature 25°C Testing Circuitry A
Model	LFA150F-5-Y	
Item	Inrush Current (enlargement)	
Object	_____	

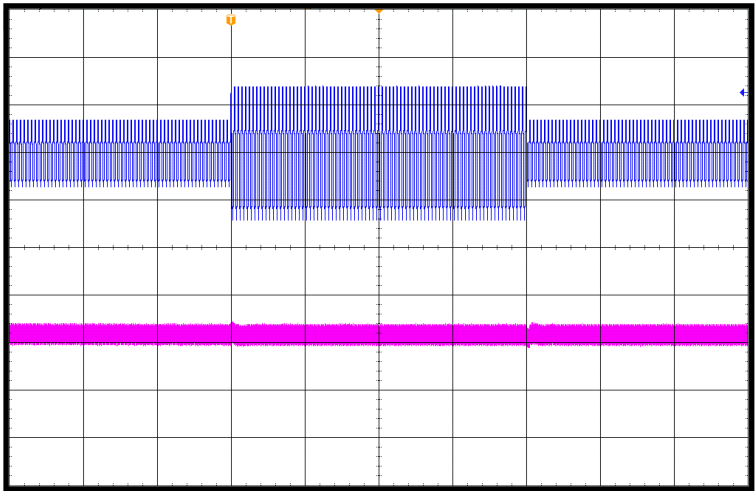




Model	LFA150F-5-Y	Temperature 25°C Testing Circuitry A	
Item	Dynamic Line Regulation		
Object	_____		

Input Voltage
[200V/div]

Output Voltage
[50mV/div]

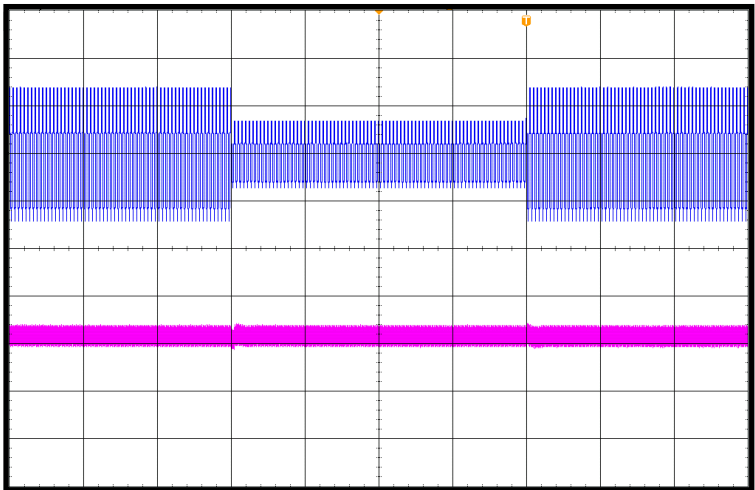


Input Voltage :
100V ⇔ 200V
Frequency : 50Hz
Load : 100%

Time
[400ms/div]

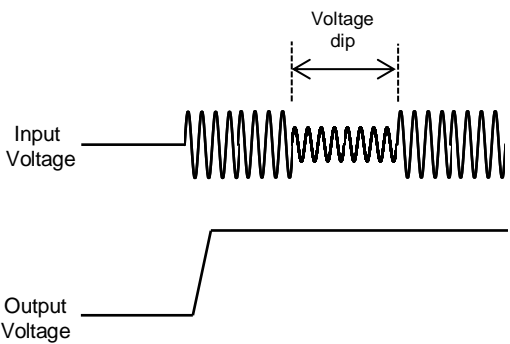
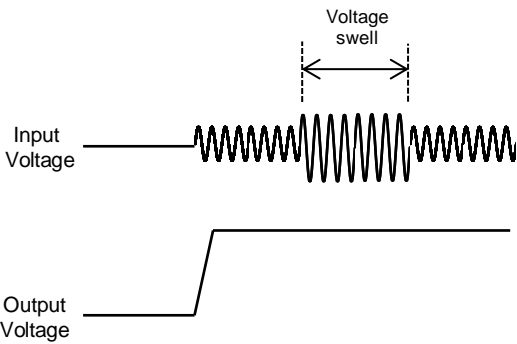
Input Voltage
[200V/div]

Output Voltage
[50mV/div]



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

Time
[400ms/div]

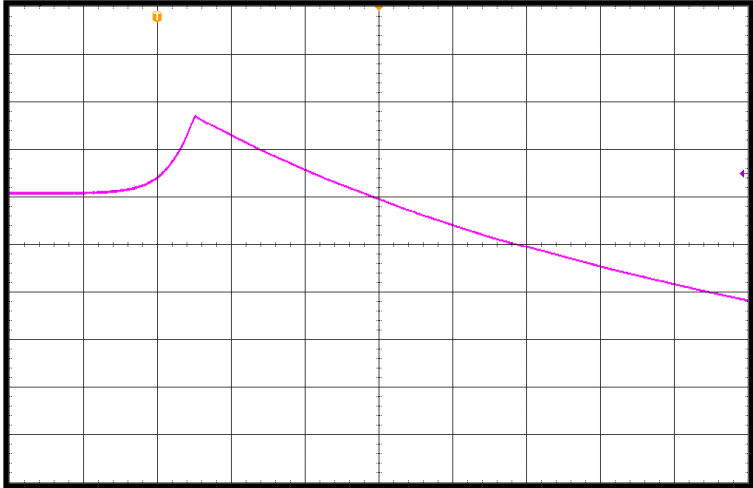




		Temperature 25°C Testing Circuitry A Input Voltage : 100V
Model	LFA150F-5-Y	
Item	Over Voltage Protection	
Object		

Output Voltage
[1V/div]

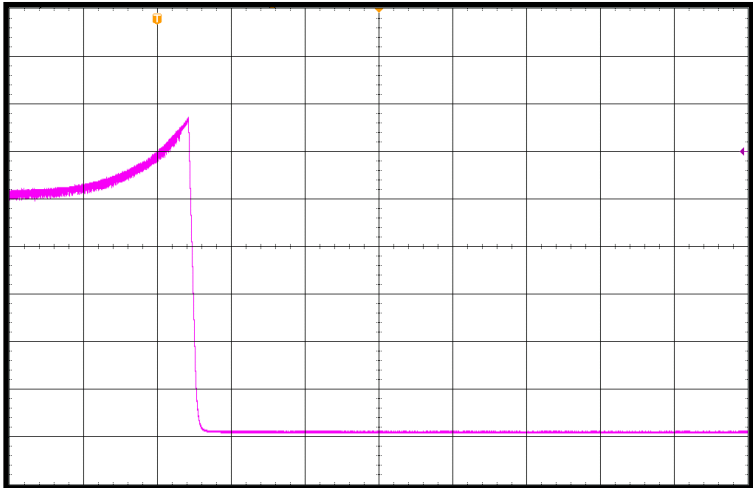
GND



Load :0%
Overvoltage protection
value : 6.7V

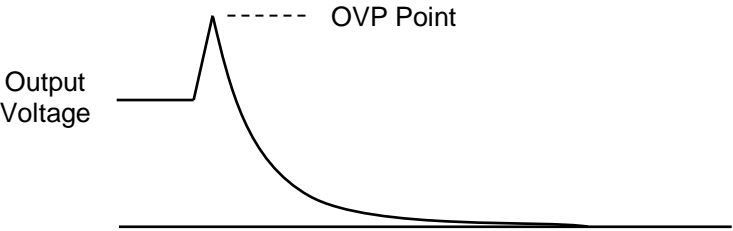
Output Voltage
[1V/div]

GND



Load :100%
Overvoltage protection
value : 6.7V

Time
[20ms/div]

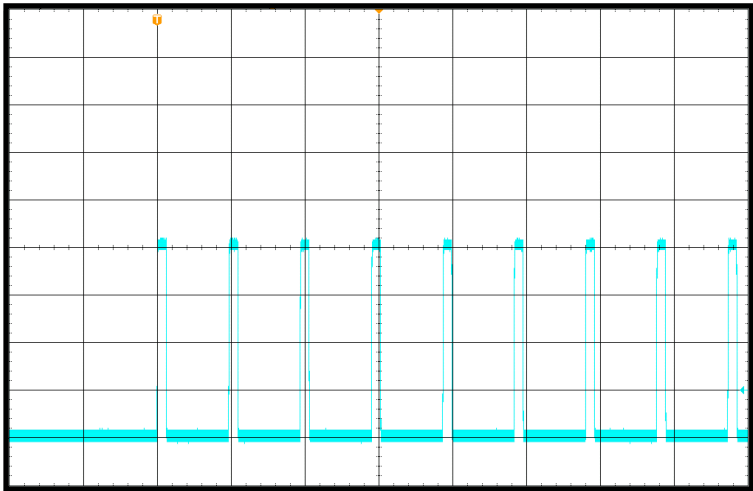




		Temperature 25°C Testing Circuitry A Load : Short
Model	LFA150F-5-Y	
Item	Short Circuit Current	
Object		

Output Current
[10A/div]

GND

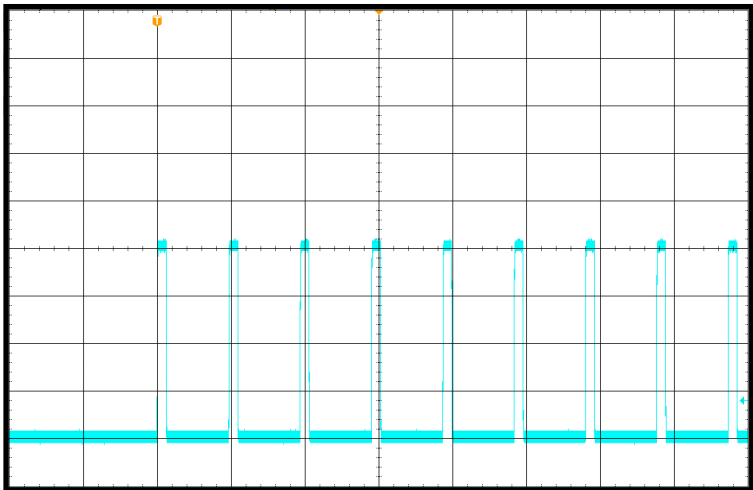


Input Voltage : 100V
Short-circuit current : 42A
ON Time : 24ms
Hiccup mode time : 194ms

Time
[200ms/div]

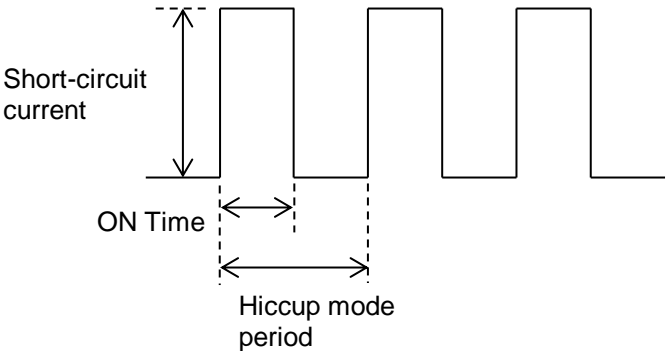
Output Current
[10A/div]

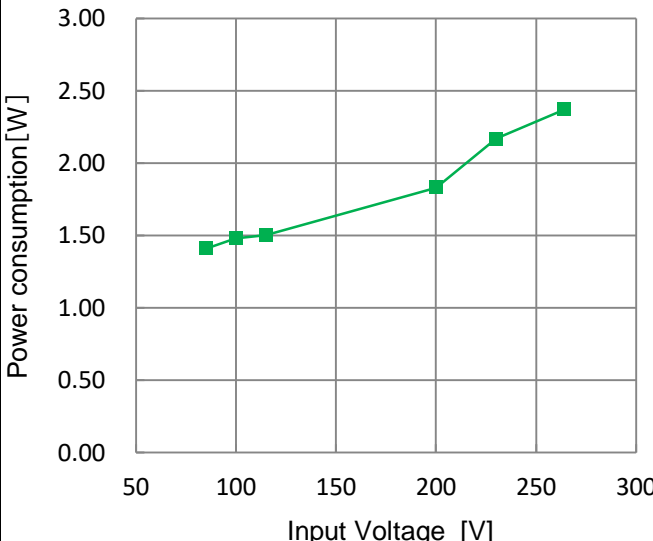
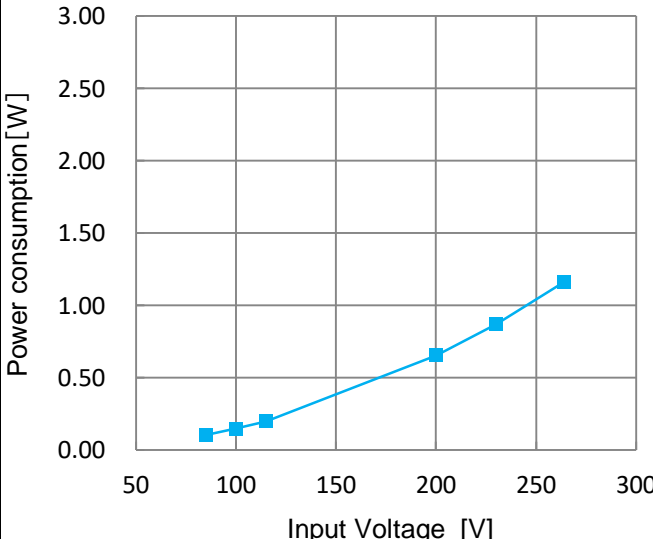
GND



Input Voltage : 200V
Short-circuit current : 42A
ON Time : 24ms
Hiccup mode time : 194ms

Time
[200ms/div]



Model	LFA150F-5-RY																
Item	Power consumption by remote off	Temperature	25°C														
Object	_____	Testing Circuitry	-														
1.Graph		2.Values															
		<table><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr><tr><td>85</td><td>1.41</td></tr><tr><td>100</td><td>1.48</td></tr><tr><td>115</td><td>1.50</td></tr><tr><td>200</td><td>1.83</td></tr><tr><td>230</td><td>2.17</td></tr><tr><td>264</td><td>2.37</td></tr></table>		Input voltage [V]	Power consumption [W]	85	1.41	100	1.48	115	1.50	200	1.83	230	2.17	264	2.37
Input voltage [V]	Power consumption [W]																
85	1.41																
100	1.48																
115	1.50																
200	1.83																
230	2.17																
264	2.37																
Test result of other output voltage product would be same as this result.																	
Model	LFA150F-5-R2Y																
1.Graph		2.Values															
		<table><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr><tr><td>85</td><td>0.11</td></tr><tr><td>100</td><td>0.15</td></tr><tr><td>115</td><td>0.20</td></tr><tr><td>200</td><td>0.65</td></tr><tr><td>230</td><td>0.87</td></tr><tr><td>264</td><td>1.16</td></tr></table>		Input voltage [V]	Power consumption [W]	85	0.11	100	0.15	115	0.20	200	0.65	230	0.87	264	1.16
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BC-11487

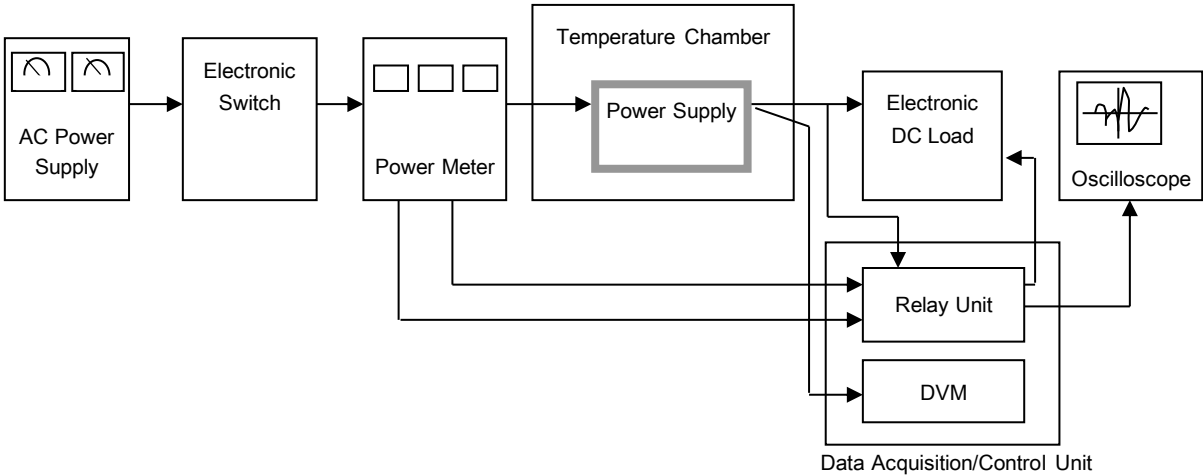


Figure A