



## ***EXTRA TEST DATA OF LFA100F-5-Y***

*Regulated DC Power Supply*  
*Oct, 13, 2020*

**COSEL CO.,LTD.**

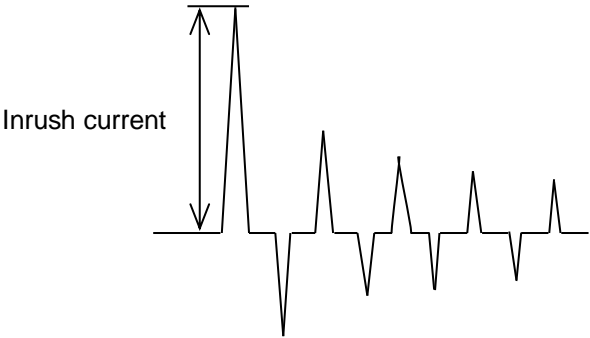
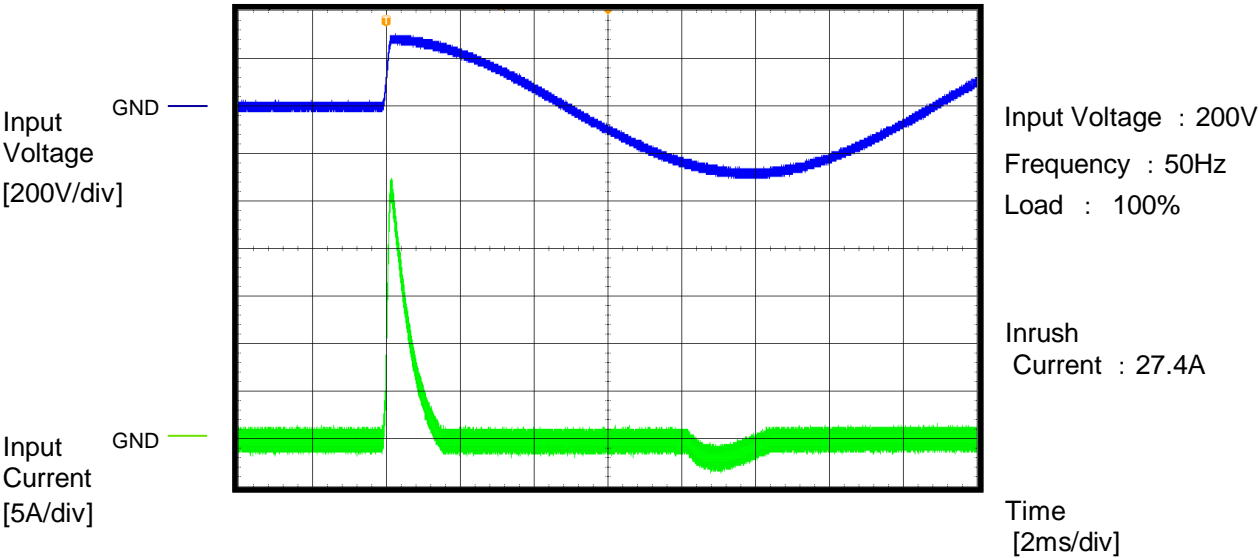
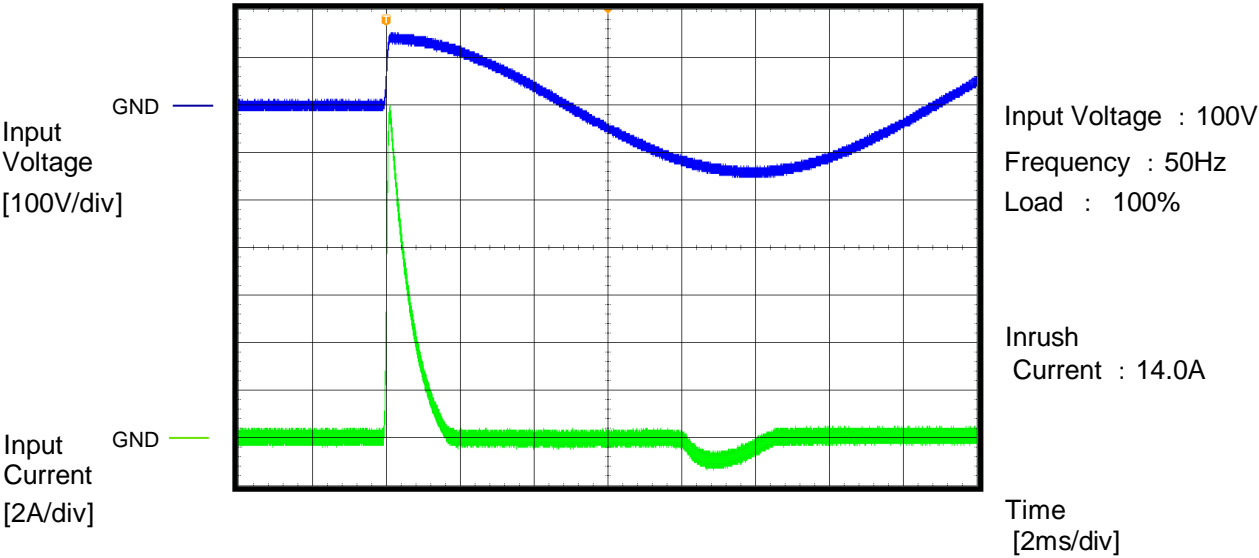
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		Temperature     25°C Testing Circuitry   A
Model	LFA100F-5-Y	
Item	Inrush Current (enlargement)	
Object	_____	

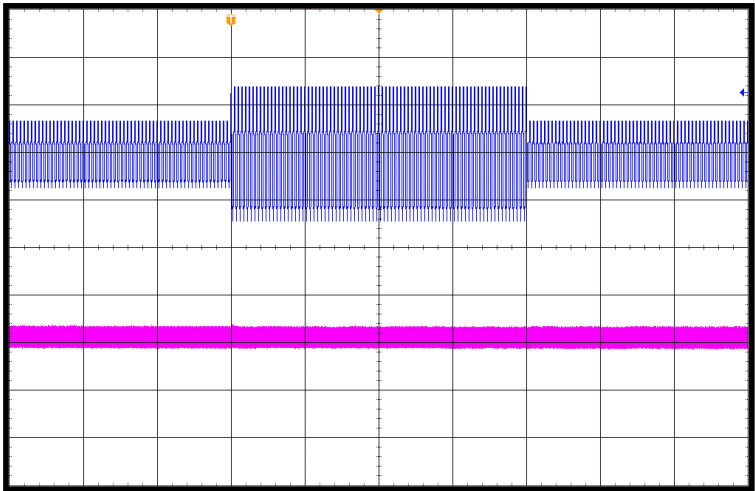




		Temperature     25°C Testing Circuitry   A
Model	LFA100F-5-Y	
Item	Dynamic Line Regulation	
Object	_____	

Input Voltage  
[200V/div]

Output Voltage  
[50mV/div]

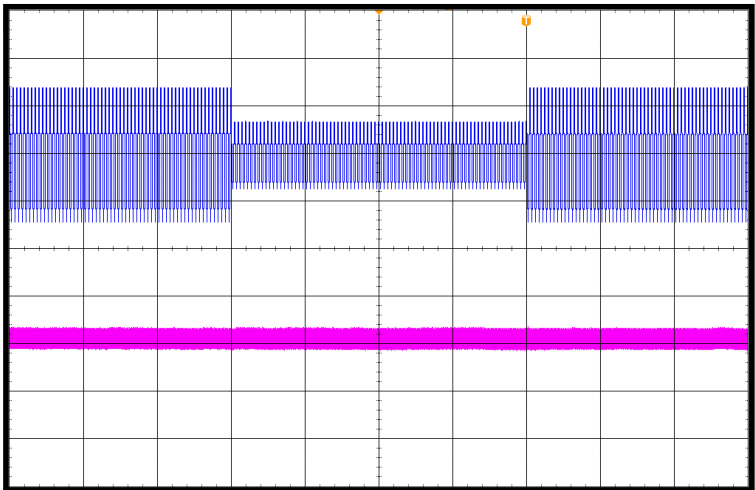


Input Voltage :  
100V ⇔ 200V  
Frequency : 50Hz  
Load : 100%

Time  
[400ms/div]

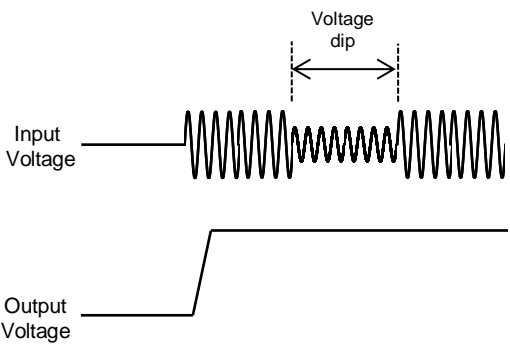
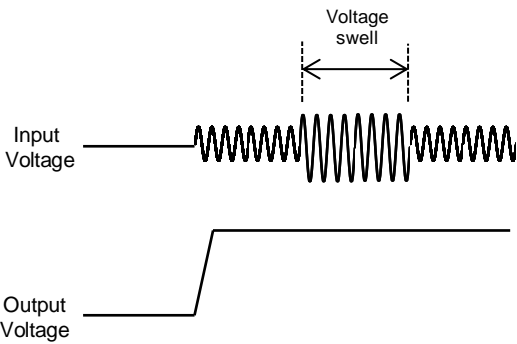
Input Voltage  
[200V/div]

Output Voltage  
[50mV/div]



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

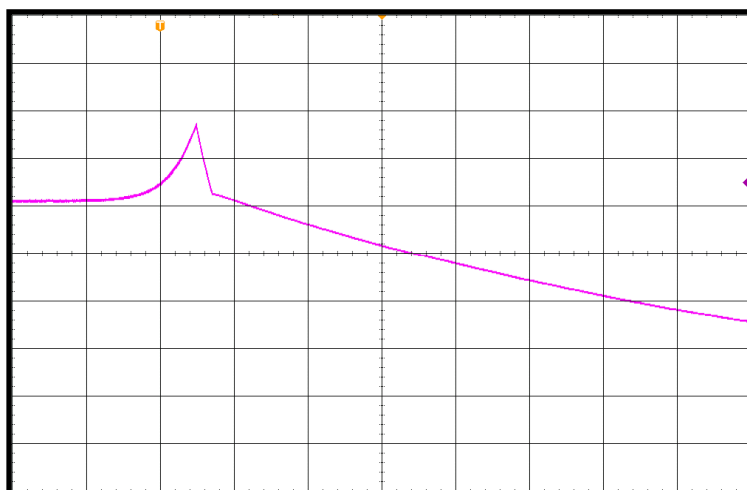
Time  
[400ms/div]



		Temperature 25°C Testing Circuitry A Input Voltage : 100V
Model	LFA100F-5-Y	
Item	Over Voltage Protection	
Object	_____	

Output  
Voltage  
[1V/div]

GND

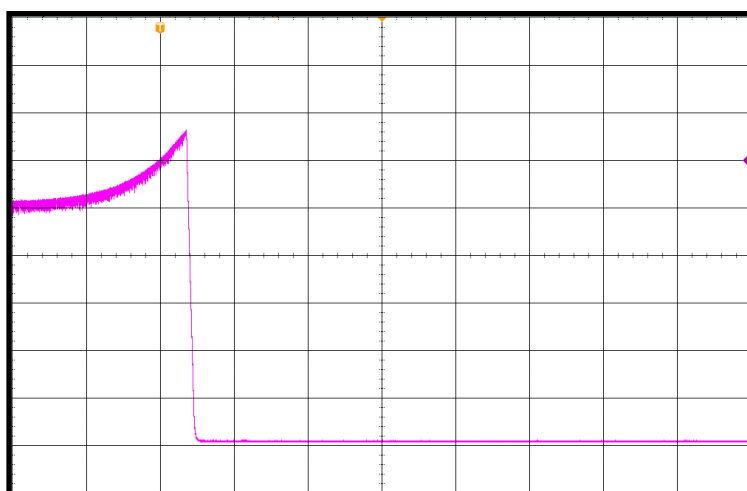


Load : 0%  
Overvoltage protection  
value : 6.7V

Time  
[40ms/div]

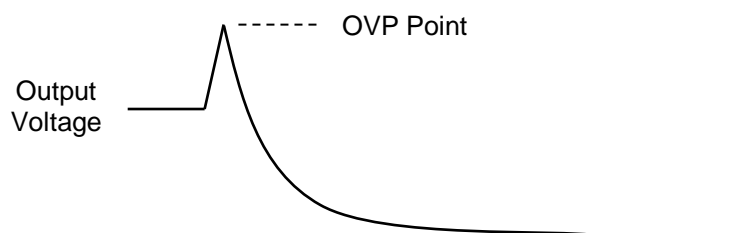
Output  
Voltage  
[1V/div]

GND



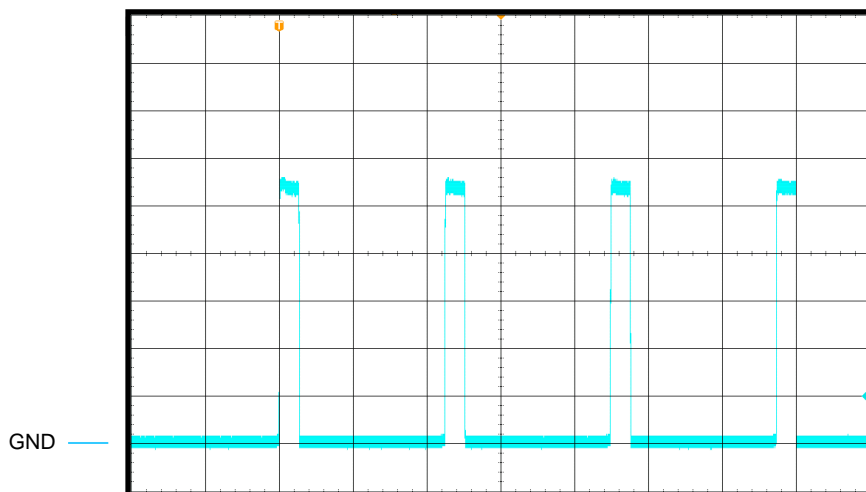
Load : 100%  
Overvoltage protection  
value : 6.6V

Time  
[20ms/div]



		Temperature 25°C Testing Circuitry A Load : Short
Model	LFA100F-5-Y	
Item	Short Circuit Current	
Object	_____	

Output Current  
[5A/div]



Input Voltage : 100V

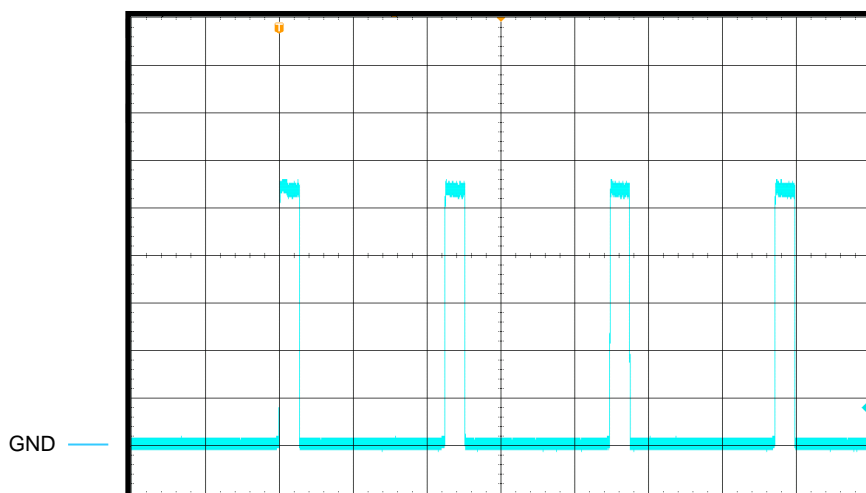
Short-circuit current : 28A

ON Time : 54ms

Hiccup mode time : 449ms

Time [200ms/div]

Output Current  
[5A/div]



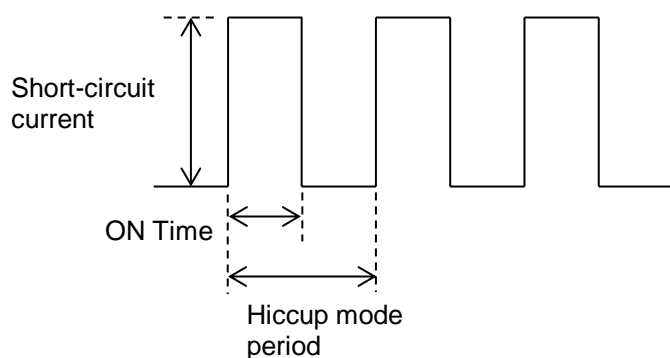
Input Voltage : 200V

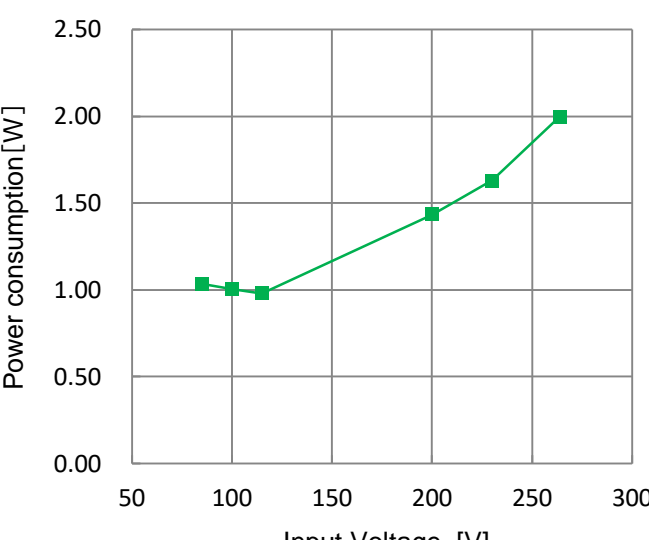
Short-circuit current : 28A

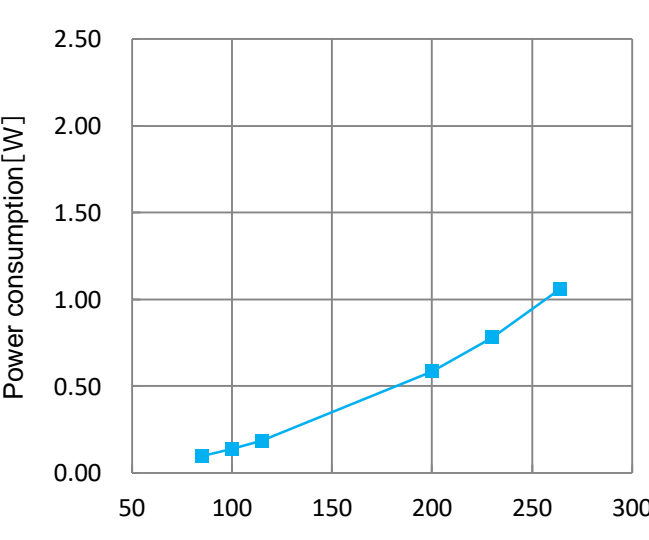
ON Time : 54ms

Hiccup mode time : 448ms

Time [200ms/div]



Model	LFA100F-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>1.03</td></tr><tr><td>100</td><td>1.01</td></tr><tr><td>115</td><td>0.98</td></tr><tr><td>200</td><td>1.43</td></tr><tr><td>230</td><td>1.63</td></tr><tr><td>264</td><td>2.00</td></tr></table>		Input voltage [V]	Power consumption [W]	85	1.03	100	1.01	115	0.98	200	1.43	230	1.63	264	2.00
Input voltage [V]	Power consumption [W]																
85	1.03																
100	1.01																
115	0.98																
200	1.43																
230	1.63																
264	2.00																
Test result of other output voltage product would be same as this result.																	

Model	LFA100F-5-R2Y																
1.Graph		2.Values															
		<table><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr><tr><td>85</td><td>0.10</td></tr><tr><td>100</td><td>0.14</td></tr><tr><td>115</td><td>0.19</td></tr><tr><td>200</td><td>0.59</td></tr><tr><td>230</td><td>0.78</td></tr><tr><td>264</td><td>1.06</td></tr></table>		Input voltage [V]	Power consumption [W]	85	0.10	100	0.14	115	0.19	200	0.59	230	0.78	264	1.06
Input voltage [V]	Power consumption [W]																
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BC-11480

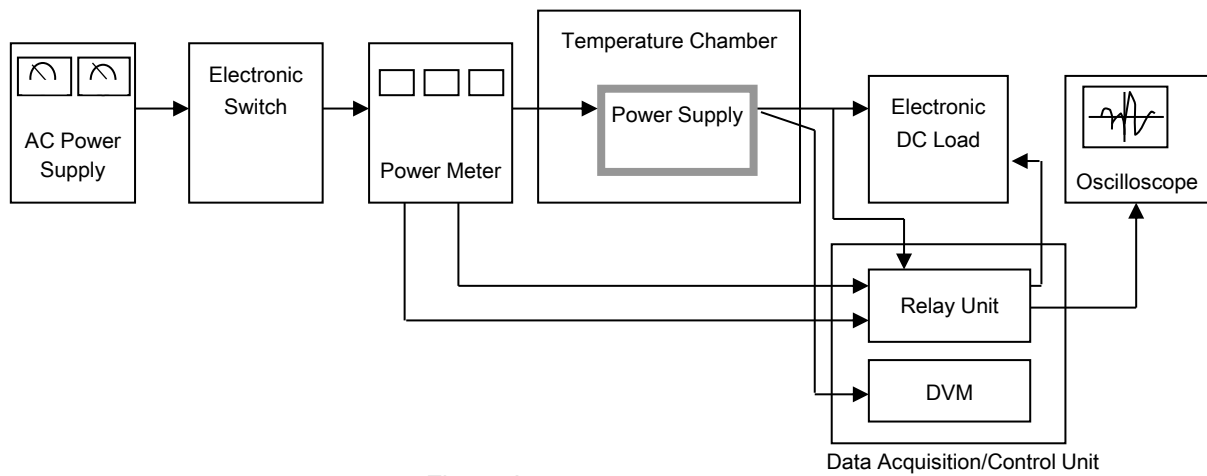


Figure A