



EXTRA TEST DATA OF LFA300F-5-TY

Regulated DC Power Supply
Nov, 02, 2020

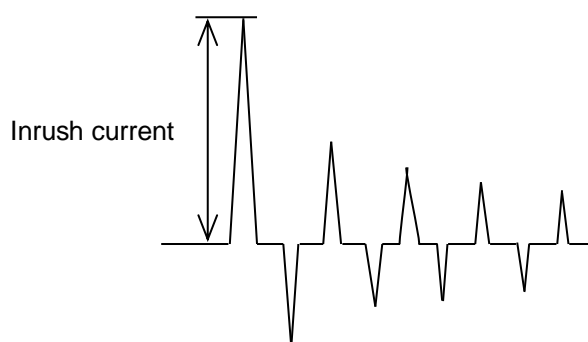
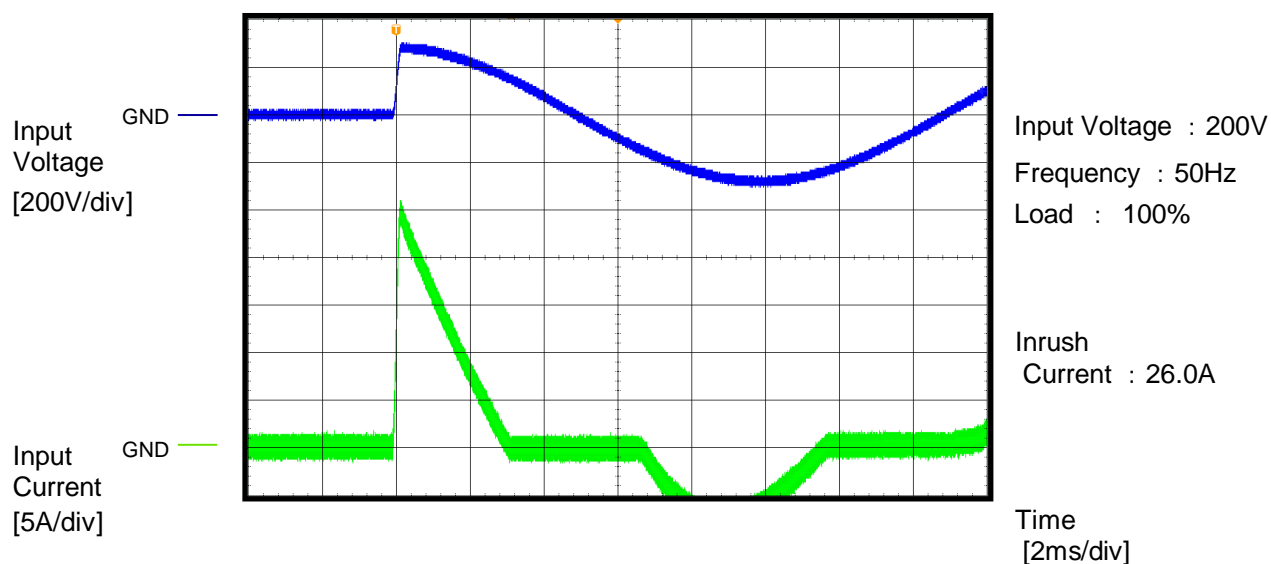
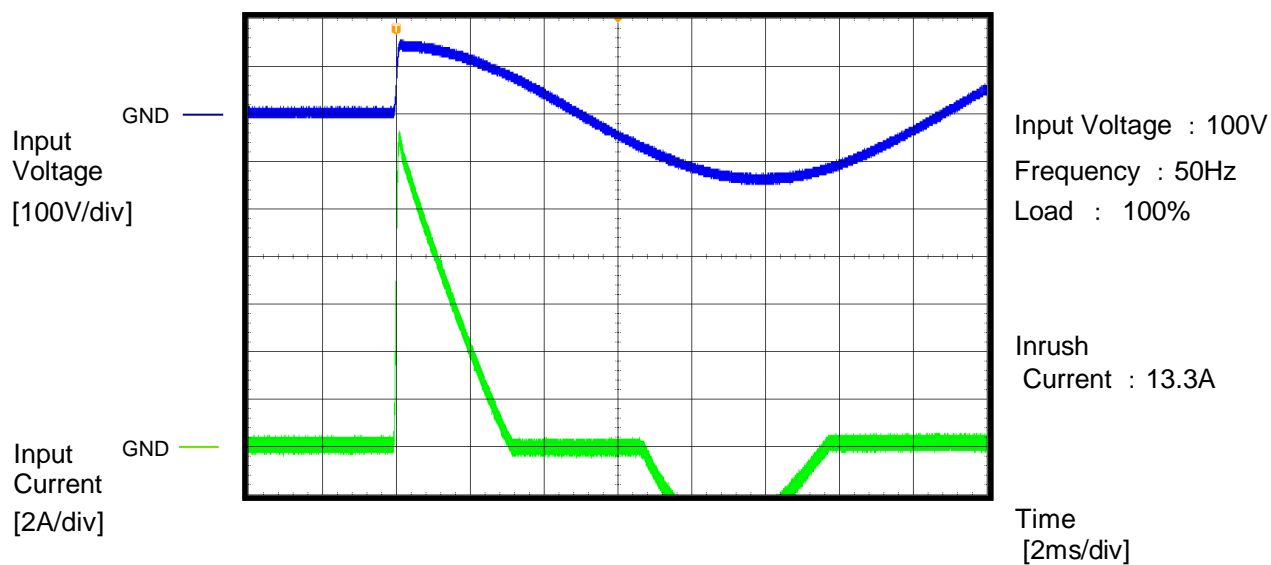
COSEL CO.,LTD.

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Model	LFA300F-5-TY	Temperature 25°C Testing Circuitry A	
Item	Inrush Current (enlargement)		
Object	_____		

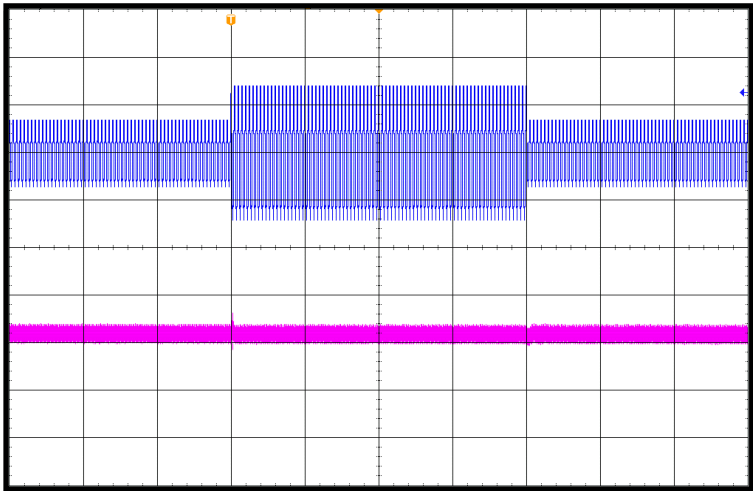




		Temperature 25°C Testing Circuitry A
Model	LFA300F-5-TY	
Item	Dynamic Line Regulation	
Object		

Input Voltage
[200V/div]

Output Voltage
[50mV/div]

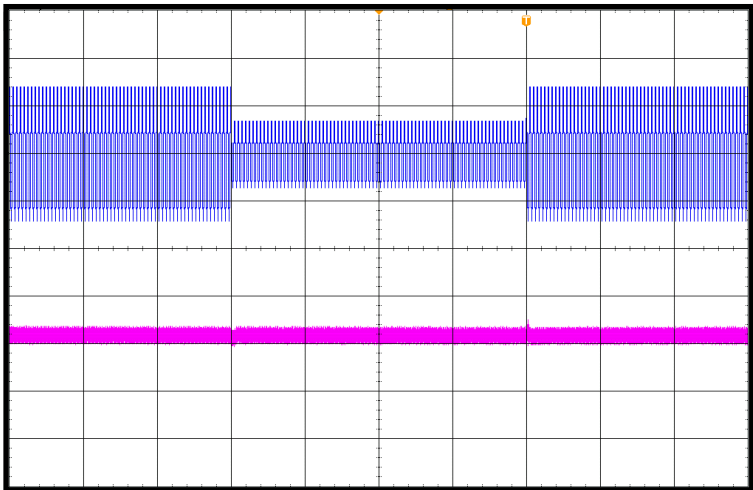


Input Voltage :
100V ⇔ 200V
Frequency : 50Hz
Load : 100%

Time
[400ms/div]

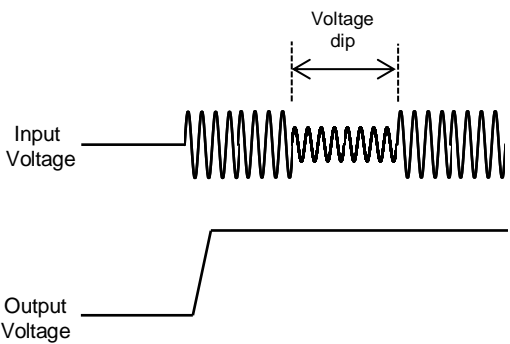
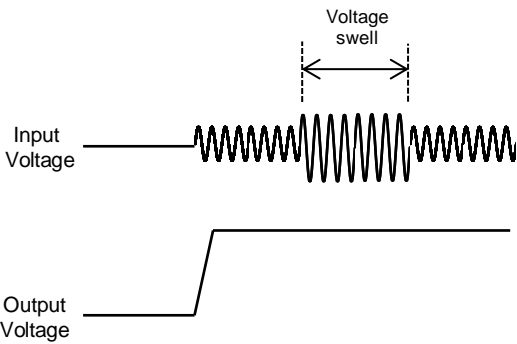
Input Voltage
[200V/div]

Output Voltage
[50mV/div]



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

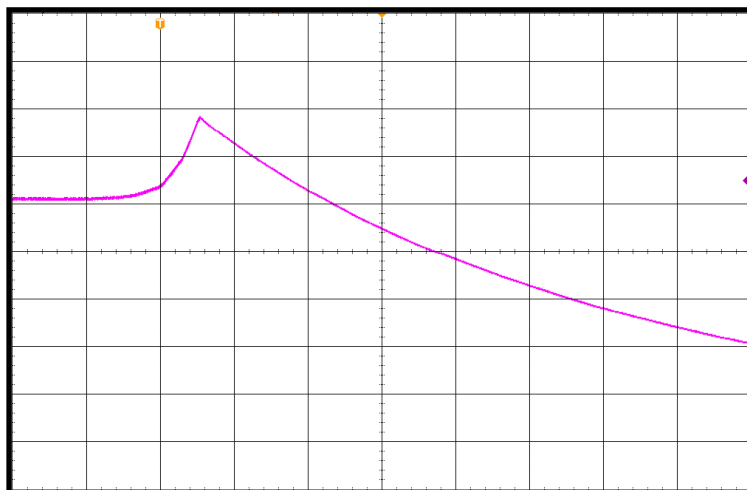
Time
[400ms/div]



		Temperature 25°C Testing Circuitry A Input Voltage : 100V
Model	LFA300F-5-TY	
Item	Over Voltage Protection	
Object	_____	

Output
Voltage
[1V/div]

GND

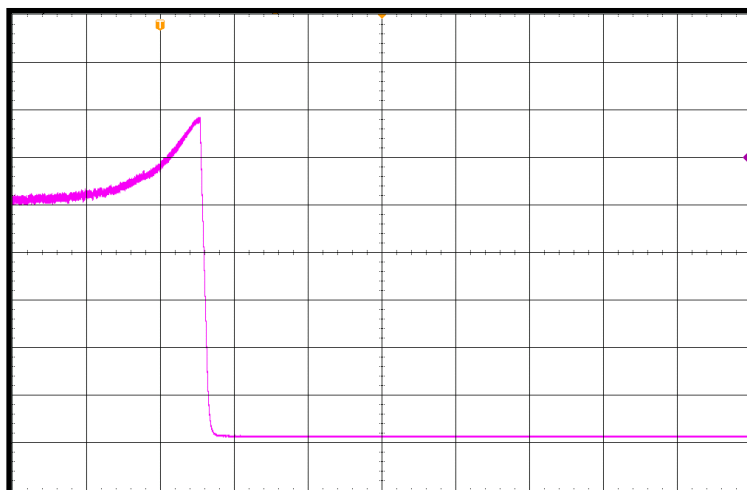


Load :0%
Overvoltage protection
value : 6.8V

Time
[40ms/div]

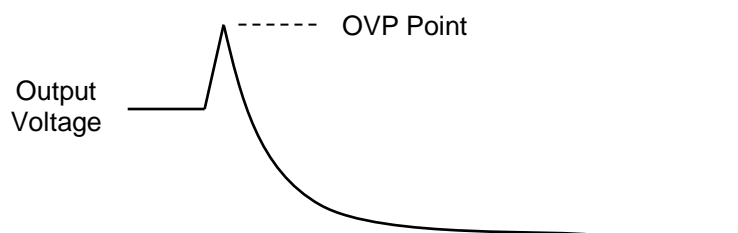
Output
Voltage
[1V/div]

GND



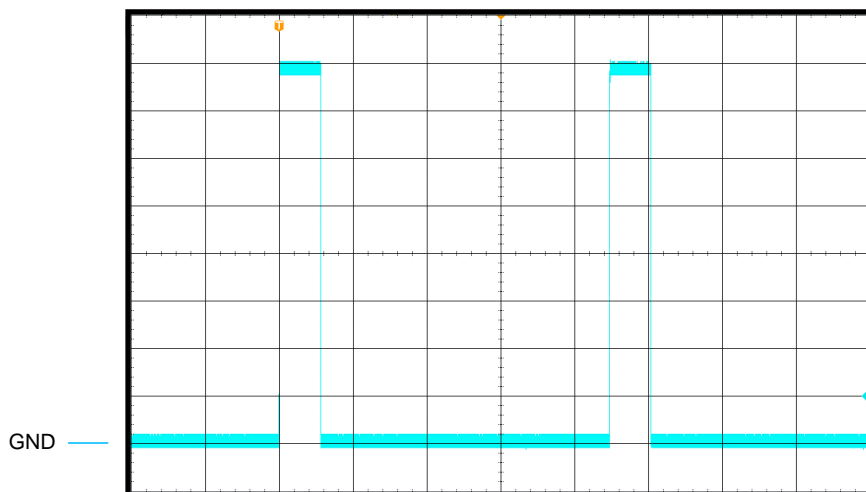
Load :100%
Overvoltage protection
value : 6.8V

Time
[20ms/div]



		Temperature 25°C Testing Circuitry A Load : Short
Model	LFA300F-5-TY	
Item	Short Circuit Current	
Object	_____	

Output Current
[10A/div]



Input Voltage : 100V

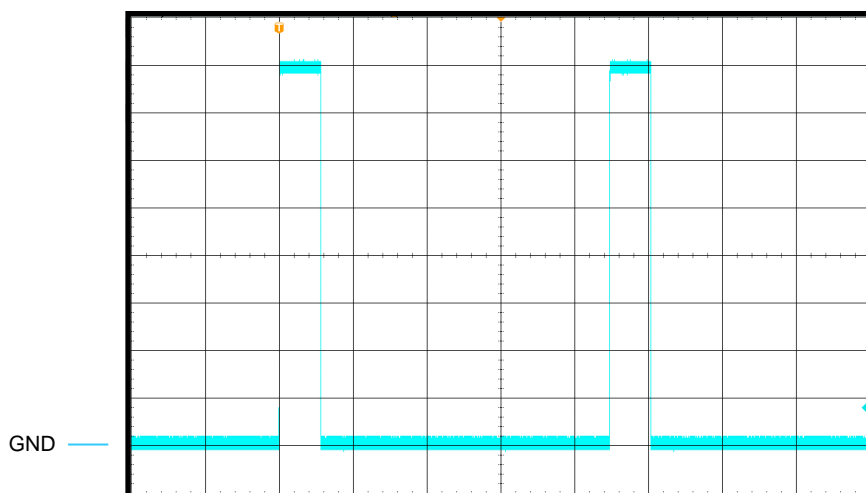
Short-circuit current : 81.2A

ON Time : 1124ms

Hiccup mode time : 8957ms

Time
[2000ms/div]

Output Current
[10A/div]



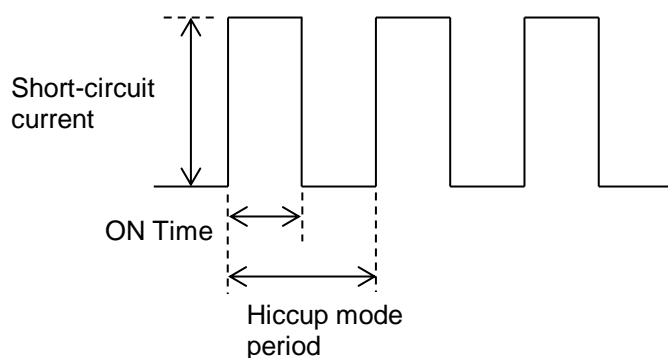
Input Voltage : 200V

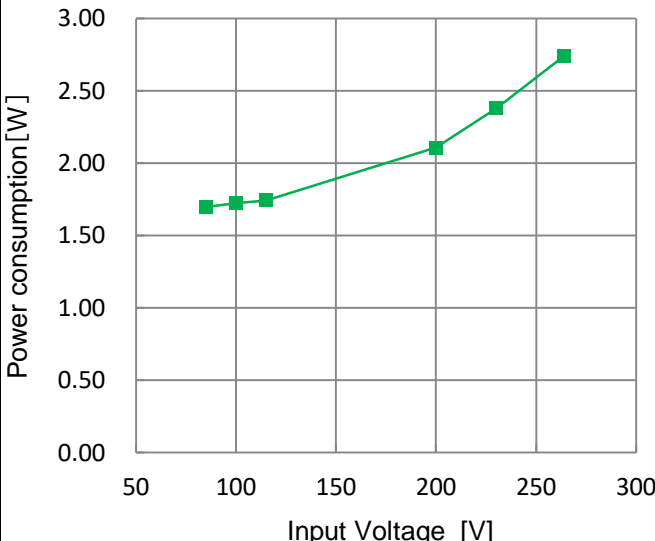
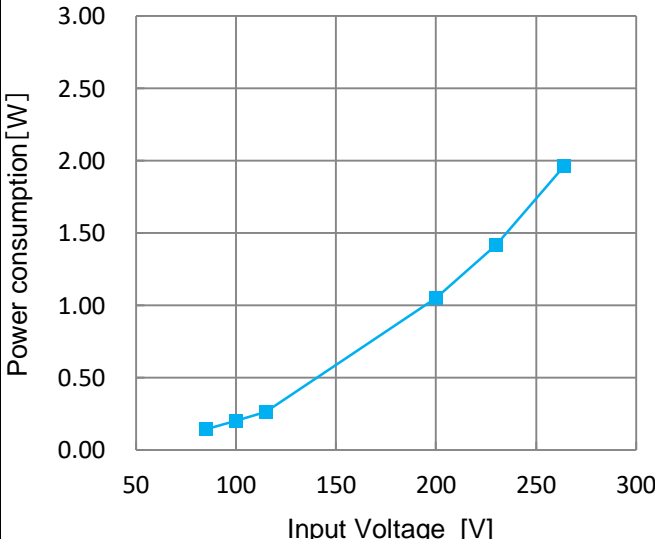
Short-circuit current : 81.2A

ON Time : 1123ms

Hiccup mode time : 8957ms

Time
[2000ms/div]



Model	LFA300F-5-RTY	Temperature25°C Testing Circuitry-																	
Item	Power consumption by remote off																		
Object	_____																		
1.Graph  <p>Test result of other output voltage product would be same as this result.</p>		2.Values <table><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr><tr><td>85</td><td>1.70</td></tr><tr><td>100</td><td>1.72</td></tr><tr><td>115</td><td>1.74</td></tr><tr><td>200</td><td>2.11</td></tr><tr><td>230</td><td>2.38</td></tr><tr><td>264</td><td>2.74</td></tr></table>		Input voltage [V]	Power consumption [W]	85	1.70	100	1.72	115	1.74	200	2.11	230	2.38	264	2.74		
Input voltage [V]	Power consumption [W]																		
85	1.70																		
100	1.72																		
115	1.74																		
200	2.11																		
230	2.38																		
264	2.74																		
Model	LFA300F-5-R2TY																		
1.Graph  <p>Test result of other output voltage product would be same as this result.</p>				2.Values <table><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr><tr><td>85</td><td>0.14</td></tr><tr><td>100</td><td>0.20</td></tr><tr><td>115</td><td>0.26</td></tr><tr><td>200</td><td>1.05</td></tr><tr><td>230</td><td>1.42</td></tr><tr><td>264</td><td>1.96</td></tr></table>		Input voltage [V]	Power consumption [W]	85	0.14	100	0.20	115	0.26	200	1.05	230	1.42	264	1.96
Input voltage [V]	Power consumption [W]																		
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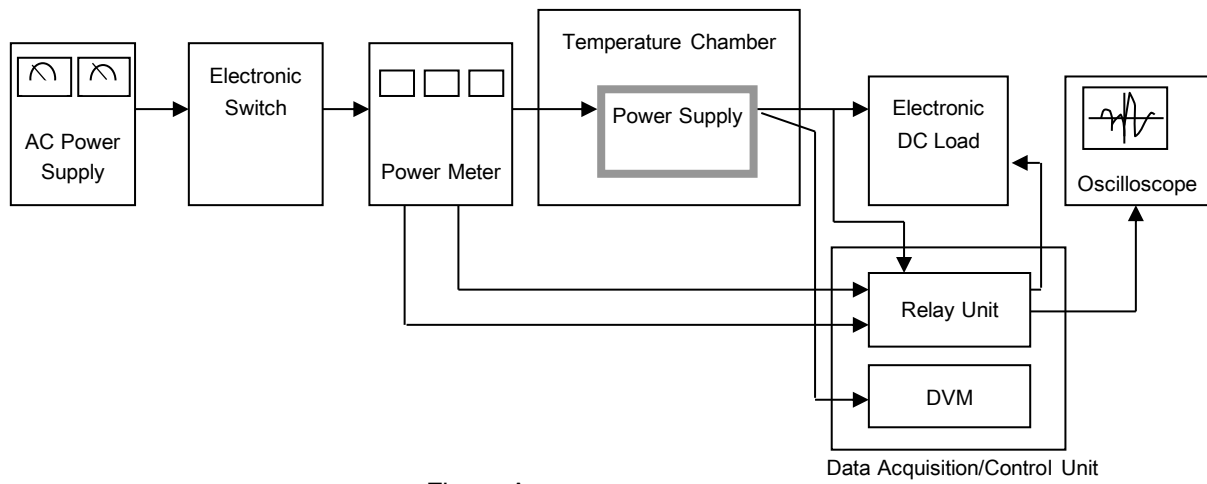


Figure A