



EXTRA TEST DATA OF LFA300F-15-TY

Regulated DC Power Supply
Nov, 02, 2020

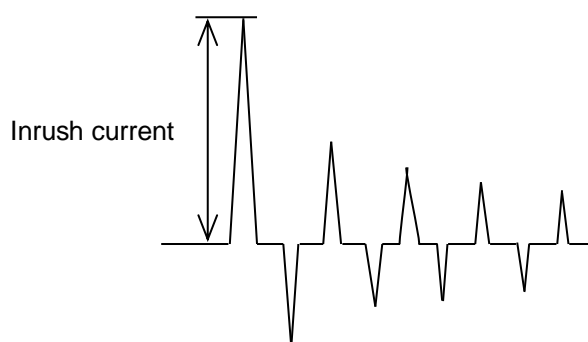
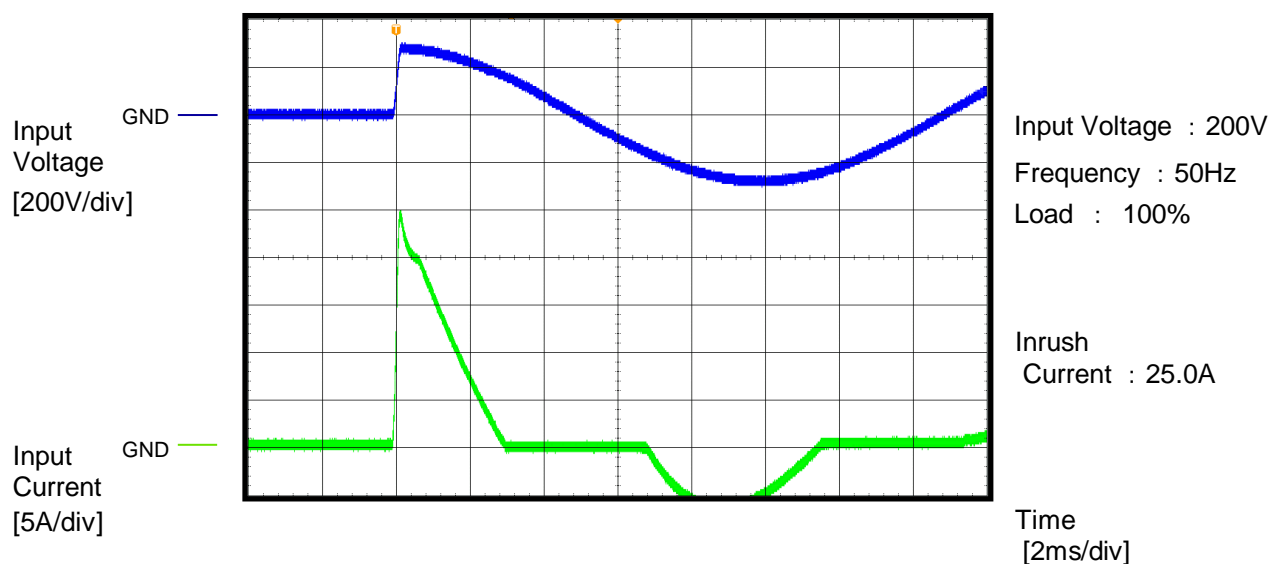
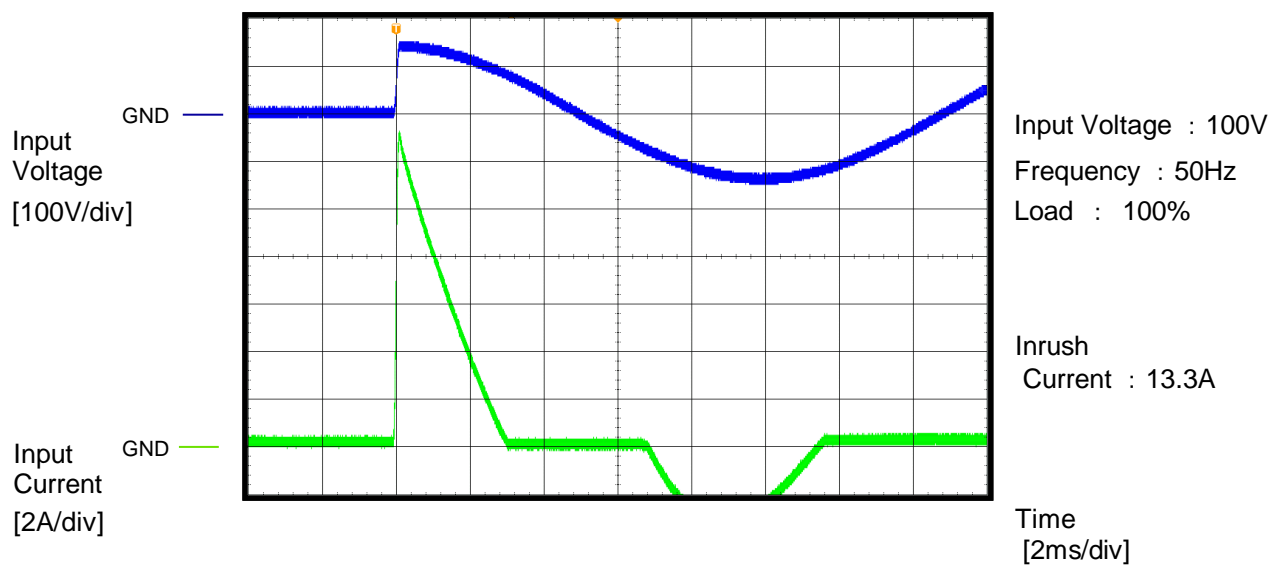
COSEL CO.,LTD.

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Model	LFA300F-15-TY	Temperature 25°C Testing Circuitry A	
Item	Inrush Current (enlargement)		
Object	_____		

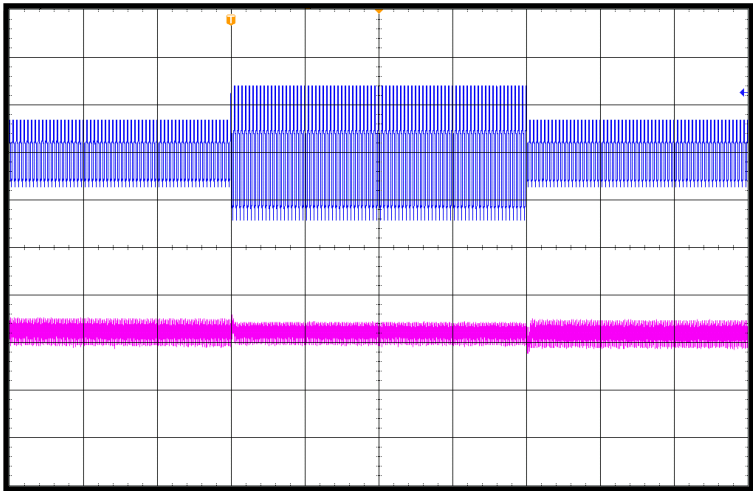




		Temperature 25°C Testing Circuitry A
Model	LFA300F-15-TY	
Item	Dynamic Line Regulation	
Object		

Input Voltage
[200V/div]

Output Voltage
[50mV/div]

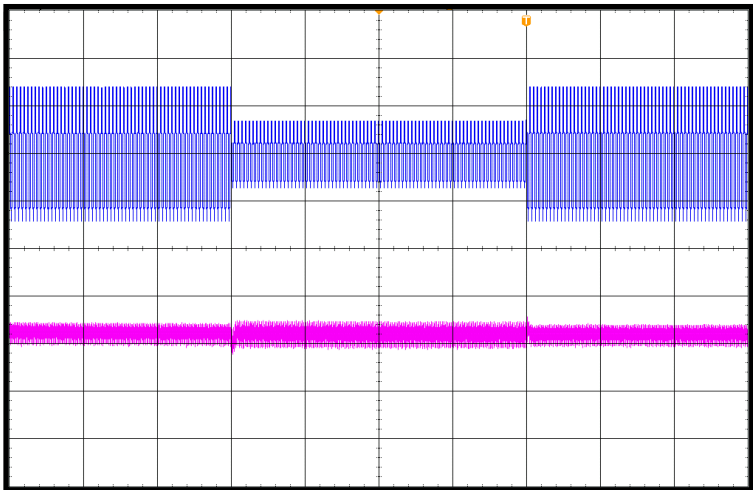


Input Voltage :
100V ⇔ 200V
Frequency : 50Hz
Load : 100%

Time
[400ms/div]

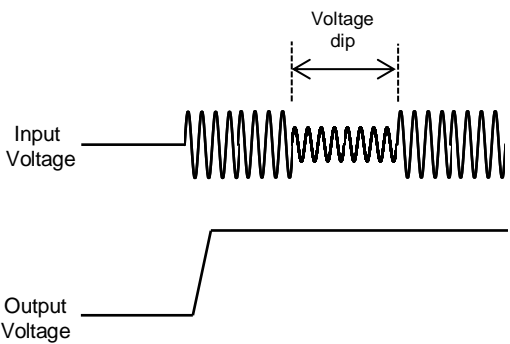
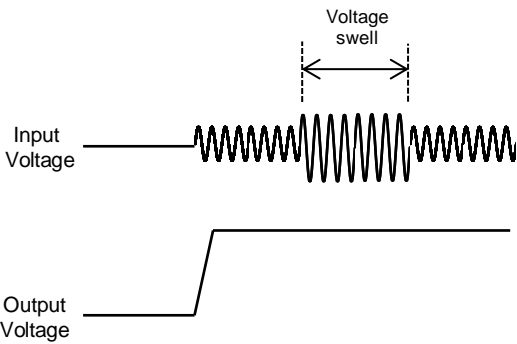
Input Voltage
[200V/div]

Output Voltage
[50mV/div]



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

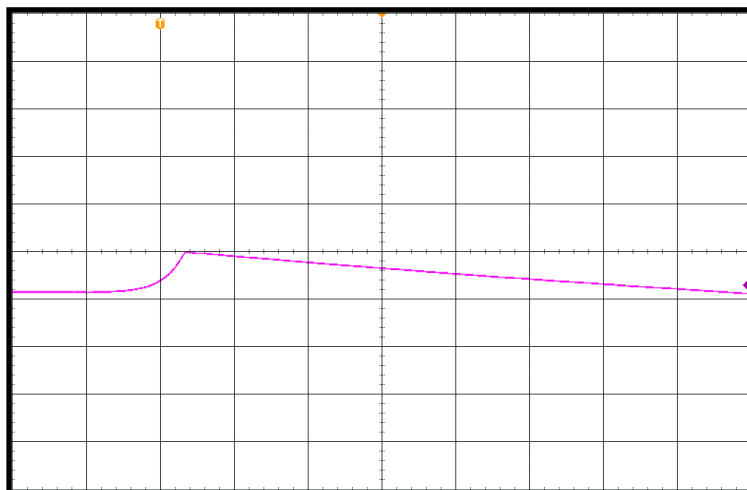
Time
[400ms/div]



		Temperature 25°C Testing Circuitry A Input Voltage : 100V
Model	LFA300F-15-TY	
Item	Over Voltage Protection	
Object	_____	

Output
Voltage
[5V/div]

GND



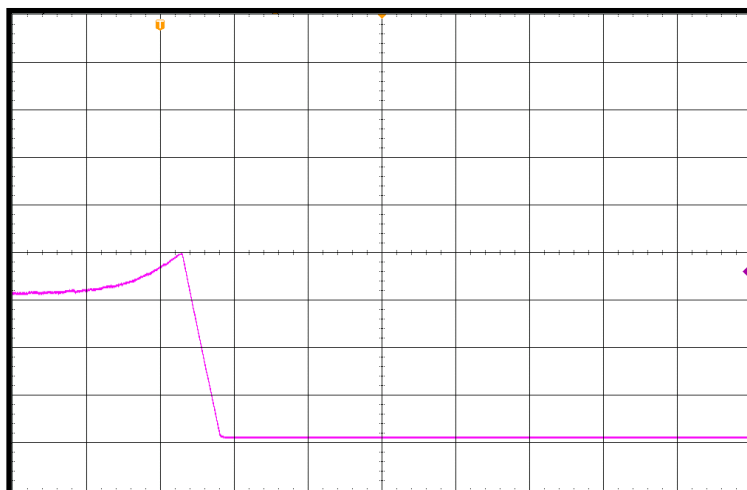
Load : 0%

Overvoltage protection
value : 20.0V

Time
[40ms/div]

Output
Voltage
[5V/div]

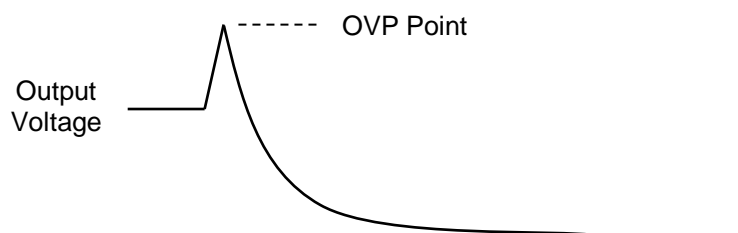
GND



Load : 100%

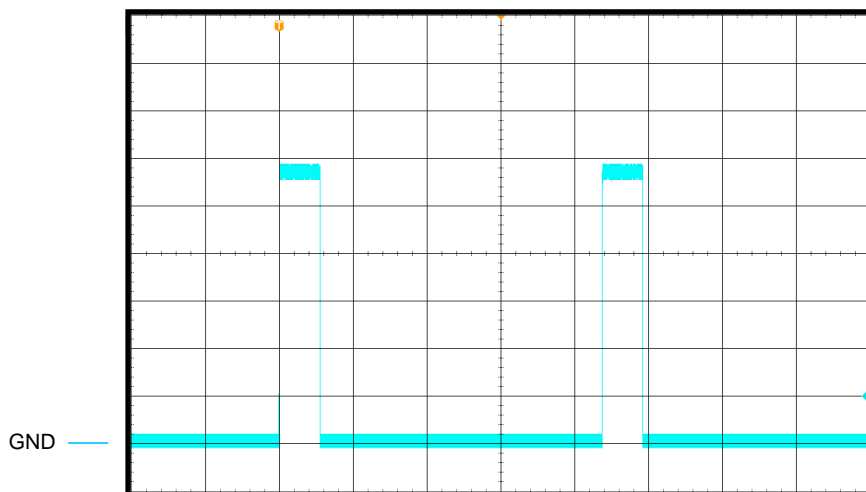
Overvoltage protection
value : 19.9V

Time
[20ms/div]



		Temperature 25°C Testing Circuitry A Load : Short
Model	LFA300F-15-TY	
Item	Short Circuit Current	
Object	_____	

Output Current
[5A/div]



Input Voltage : 100V

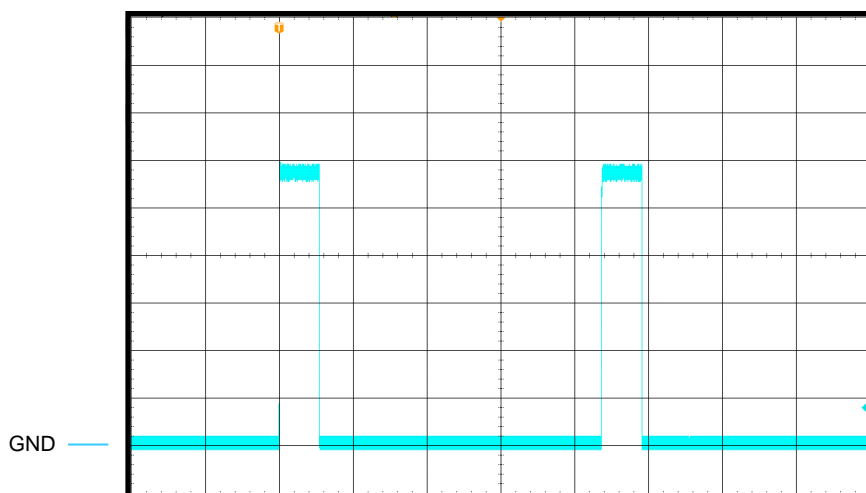
Short-circuit current : 29.4A

ON Time : 1101ms

Hiccup mode time : 8748ms

Time
[2000ms/div]

Output Current
[5A/div]



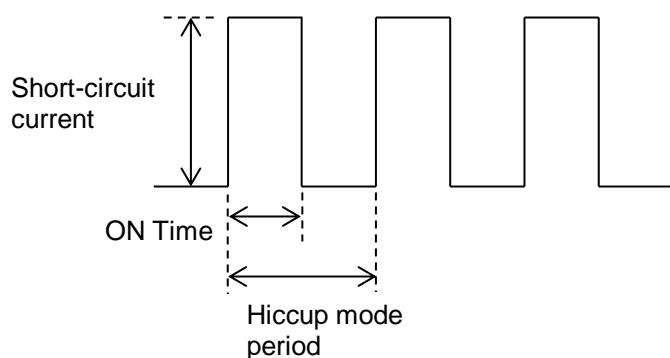
Input Voltage : 200V

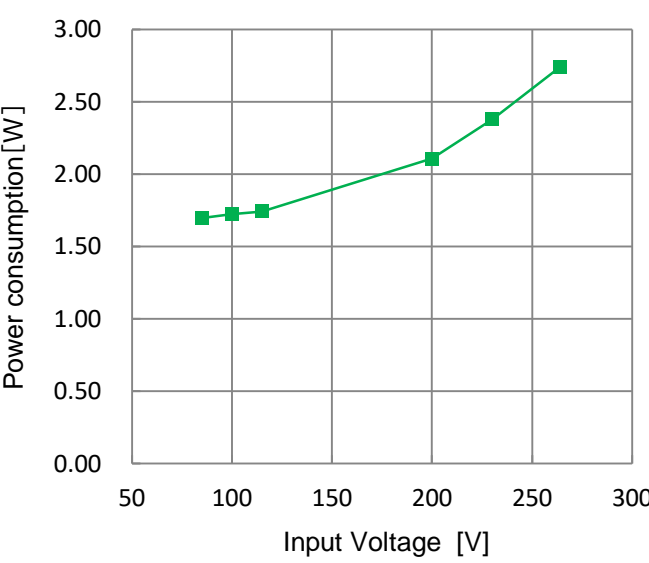
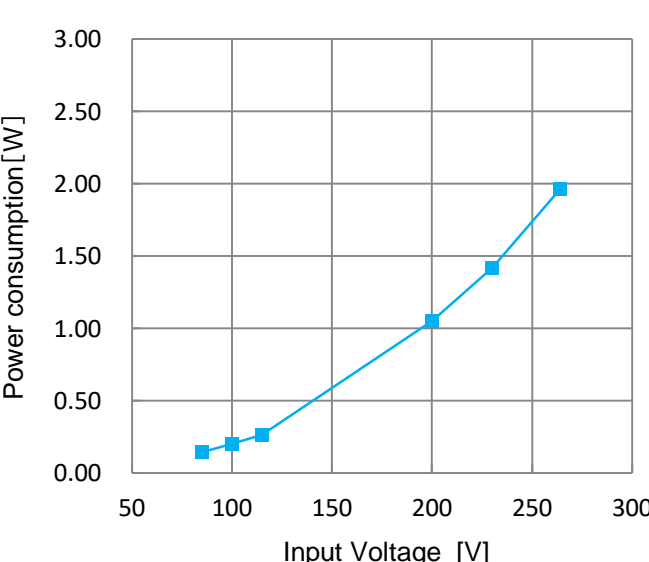
Short-circuit current : 29.8A

ON Time : 1097ms

Hiccup mode time : 8736ms

Time
[2000ms/div]



Model	LFA300F-15-RTY																
Item	Power consumption by remote off	Temperature	25°C														
Object	_____	Testing Circuitry	-														
1.Graph		2.Values															
 <p>Test result of other output voltage product would be same as this result.</p>		<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																
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230	2.38																
264	2.74																
Model	LFA300F-15-R2TY																
1.Graph		2.Values															
 <p>Test result of other output voltage product would be same as this result.</p>		<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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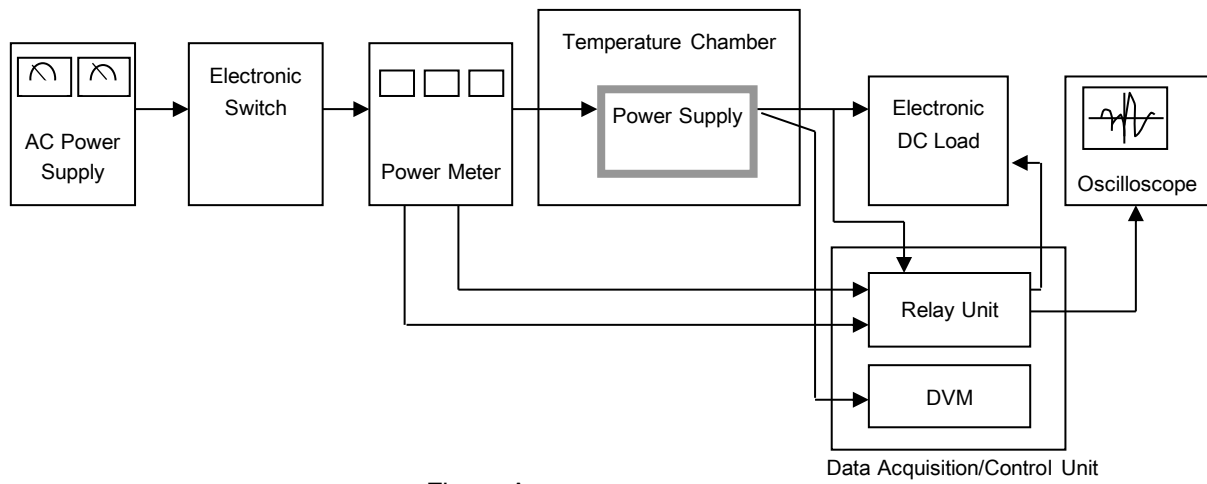


Figure A