



EXTRA TEST DATA OF LFA100F-12

Regulated DC Power Supply
Oct, 13, 2020

COSEL CO.,LTD.



CONTENTS

1.Inrush Current (enlargement) 1

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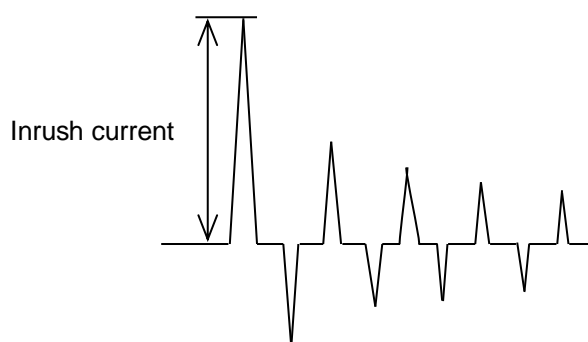
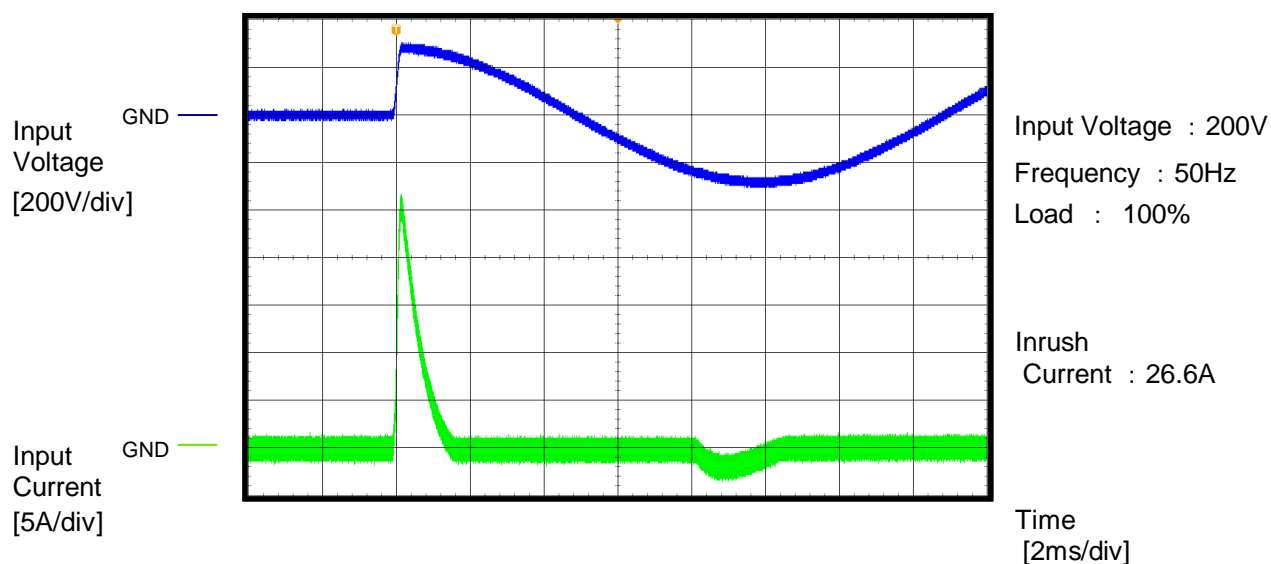
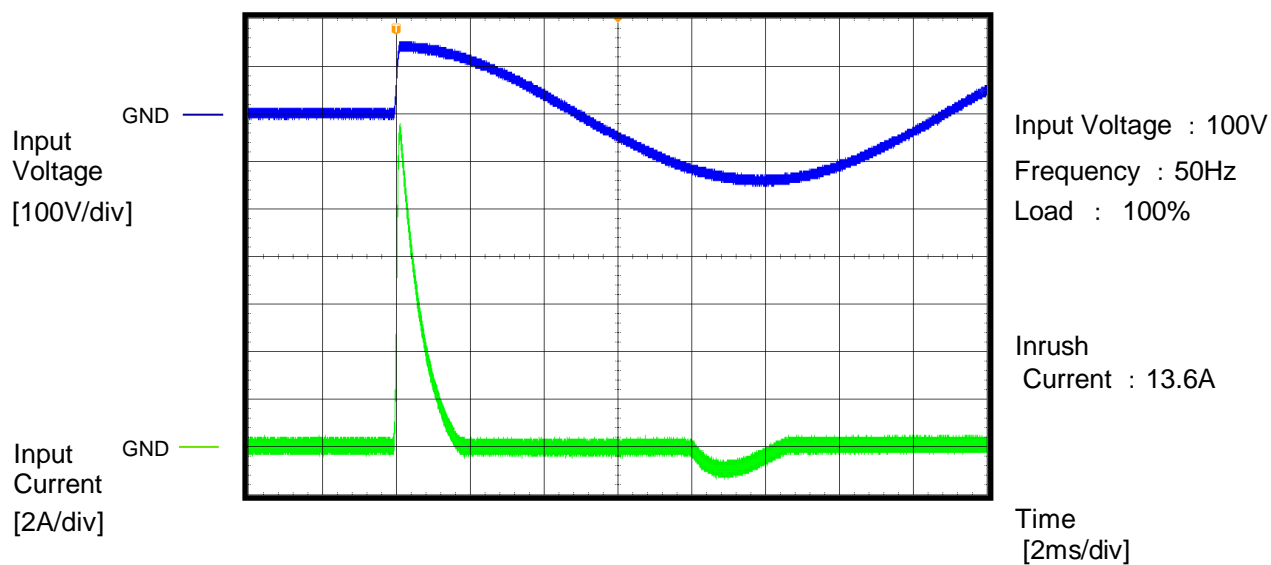
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Model	LFA100F-12	Temperature 25°C Testing Circuitry A	
Item	Inrush Current (enlargement)		
Object	_____		

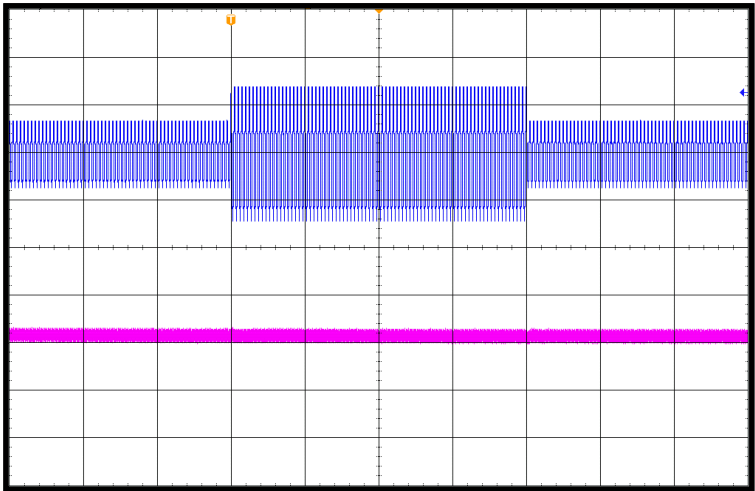




		Temperature 25°C Testing Circuitry A
Model	LFA100F-12	
Item	Dynamic Line Regulation	
Object		

Input Voltage
[200V/div]

Output Voltage
[50mV/div]

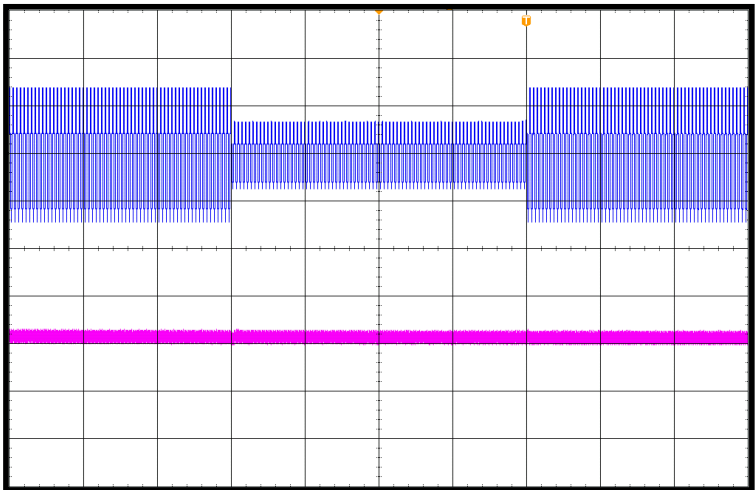


Input Voltage :
100V ⇔ 200V
Frequency : 50Hz
Load : 100%

Time
[400ms/div]

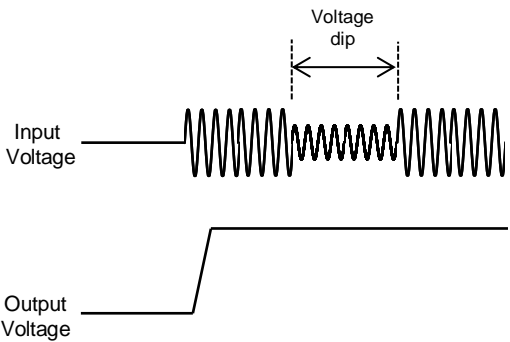
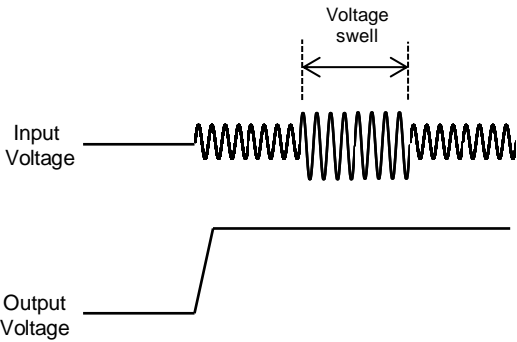
Input Voltage
[200V/div]

Output Voltage
[50mV/div]



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

Time
[400ms/div]

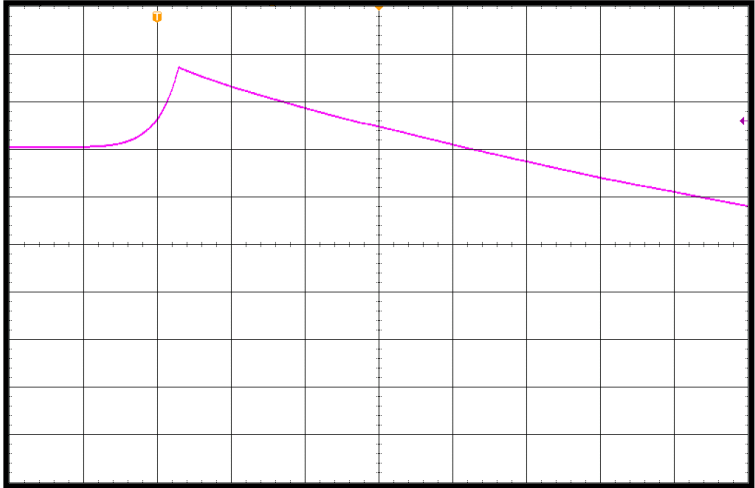




		Temperature 25°C Testing Circuitry A Input Voltage : 100V
Model	LFA100F-12	
Item	Over Voltage Protection	
Object		

Output Voltage
[2V/div]

GND

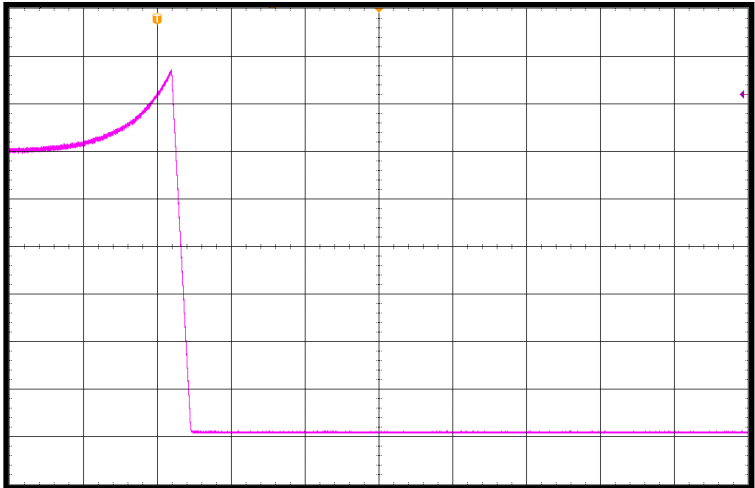


Load : 0%
Overvoltage protection
value : 15.5V

Time
[40ms/div]

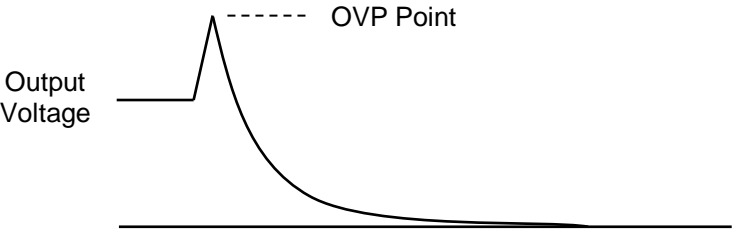
Output Voltage
[2V/div]

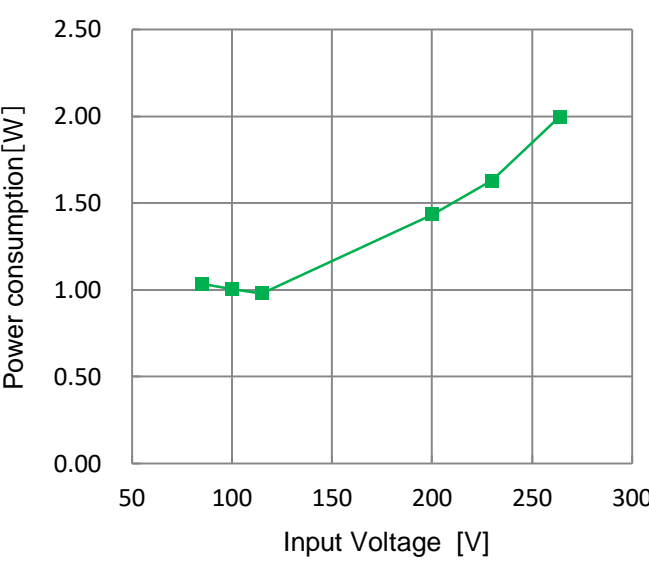
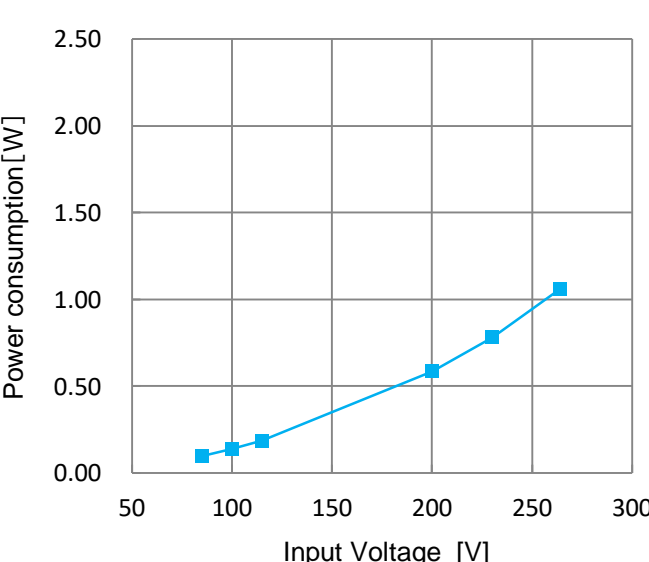
GND



Load : 100%
Overvoltage protection
value : 15.4V

Time
[20ms/div]



Model	LFA100F-12-R																
Item	Power consumption by remote off	Temperature	25°C														
Object	_____	Testing Circuitry	-														
1.Graph		2.Values															
 <p>Power consumption [W]</p> <p>Input Voltage [V]</p> <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>1.03</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																
Model	LFA100F-12-R2																
1.Graph		2.Values															
 <p>Power consumption [W]</p> <p>Input Voltage [V]</p> <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>0.10</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
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85	0.10																
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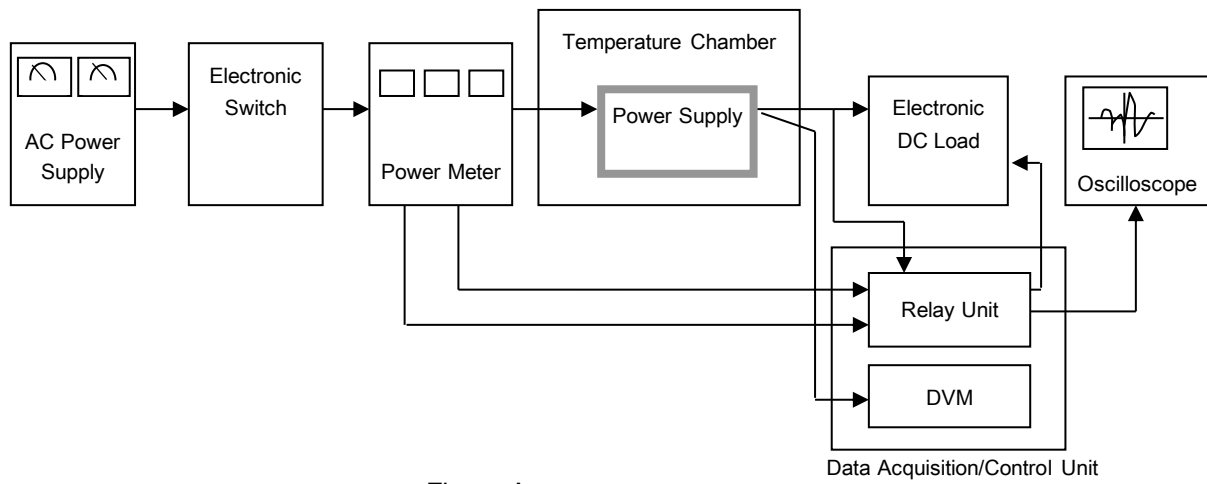


Figure A