



EXTRA TEST DATA OF LHA100F-12

*Regulated DC Power Supply
Mar 20, 2021*

COSEL CO.,LTD.



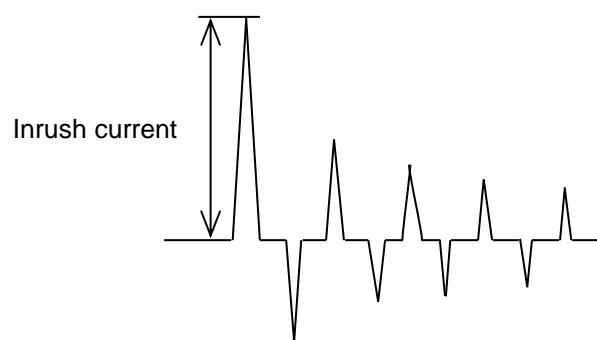
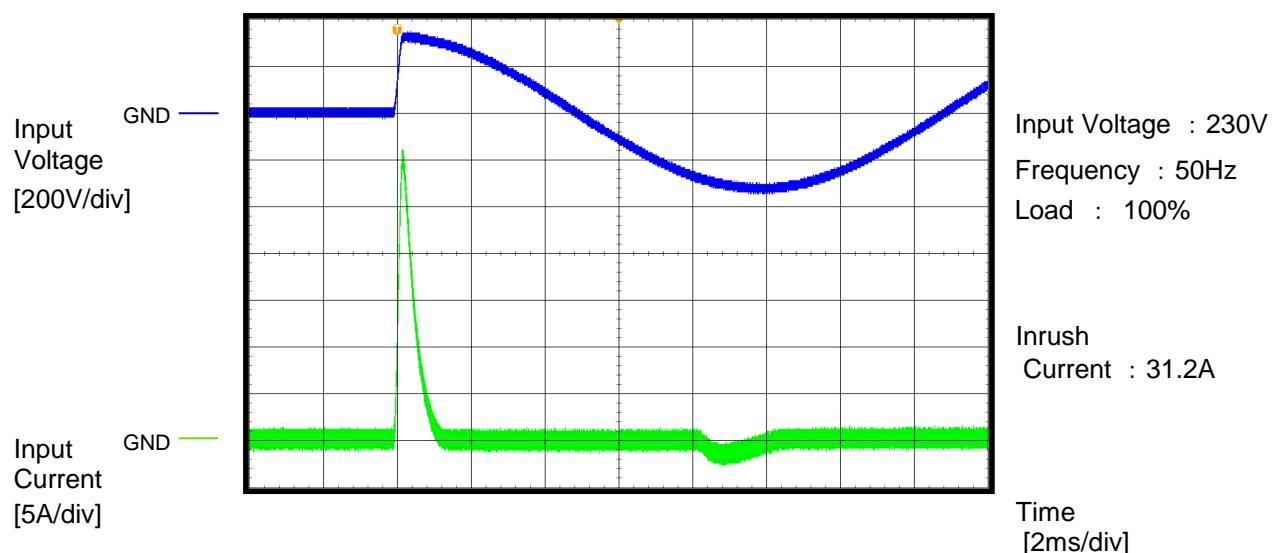
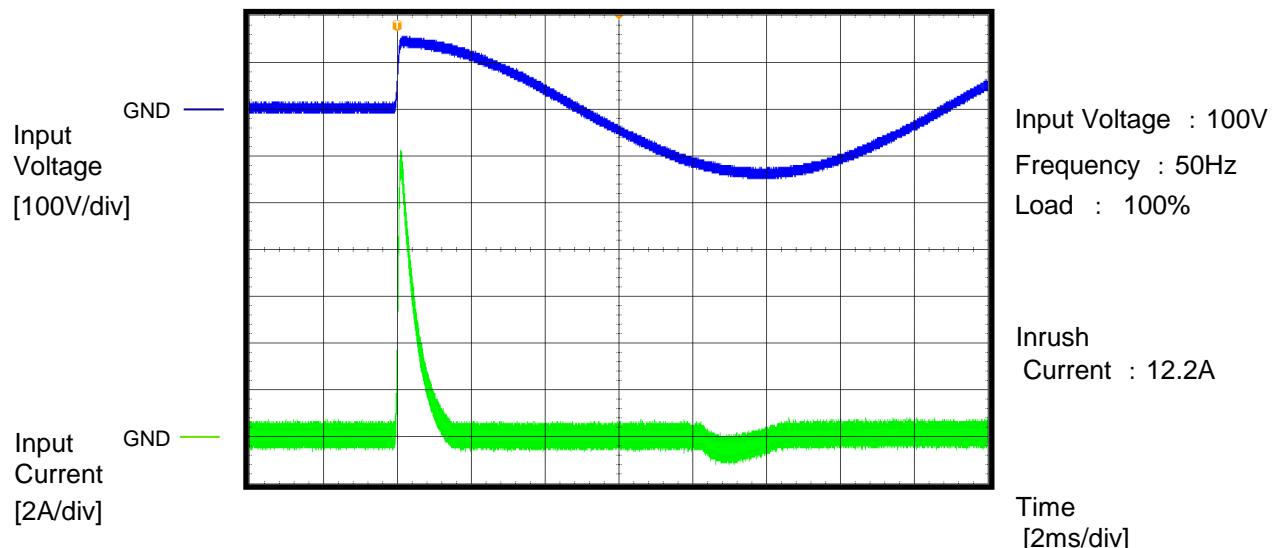
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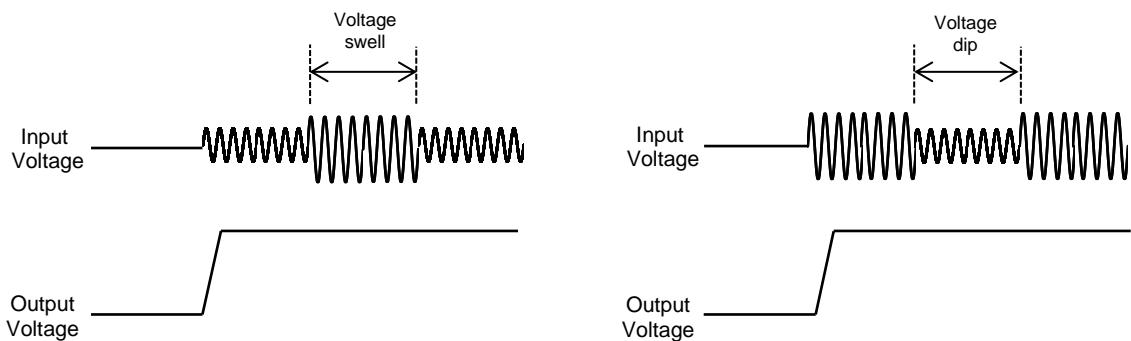
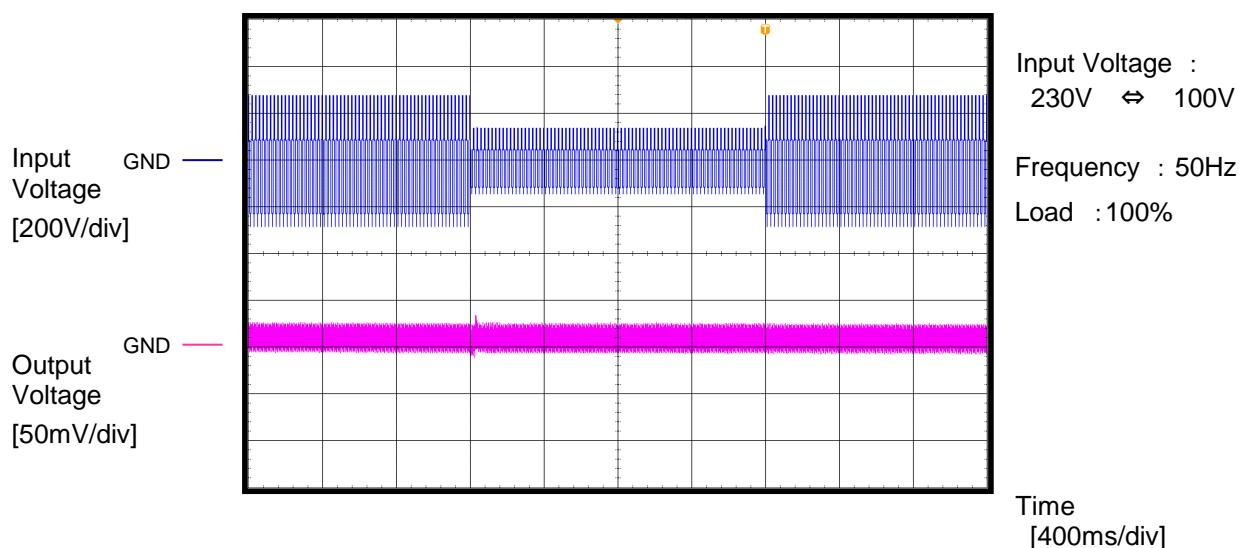
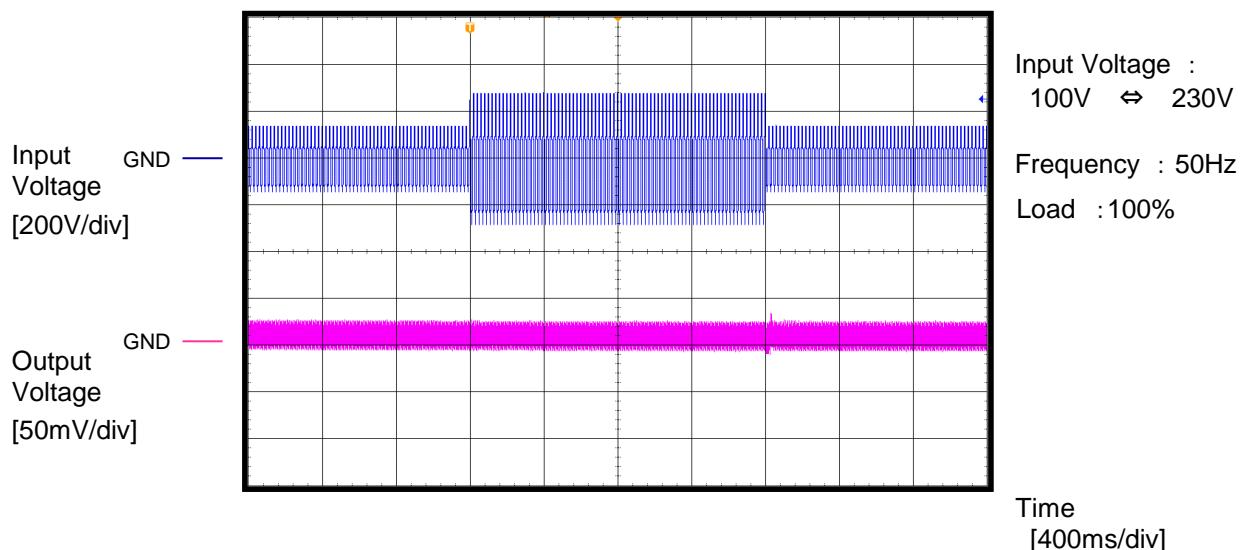
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Model	LHA100F-12	Temperature Testing Circuitry Object	25°C A
Item	Inrush Current (enlargement)		
Object	_____		



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Model	LHA100F-12	Temperature	25°C
Item	Dynamic Line Regulation	Testing Circuitry	A
Object	_____		

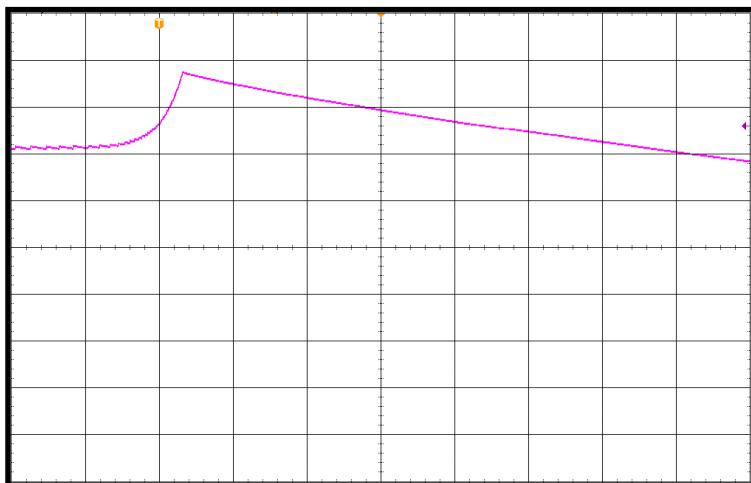


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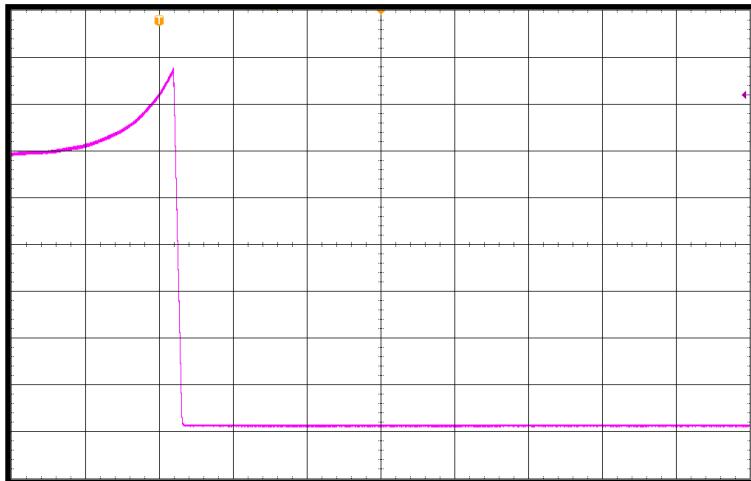
Model	LHA100F-12	Temperature 25°C
Item	Over Voltage Protection	Testing Circuitry A
Object	_____	Input Voltage : 100V

Output
Voltage
[2V/div]

GND

Load : 0%
Overvoltage protection
value : 15.5VTime
[40ms/div]Output
Voltage
[2V/div]

GND

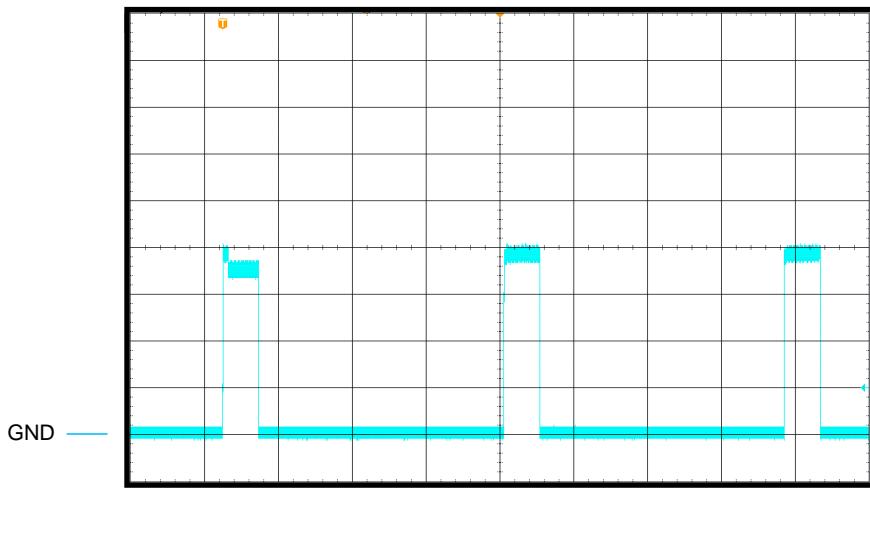
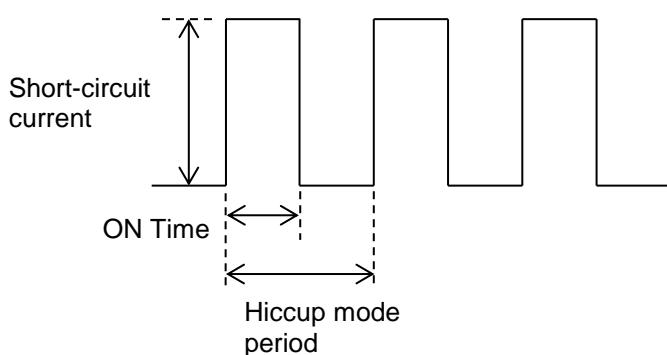
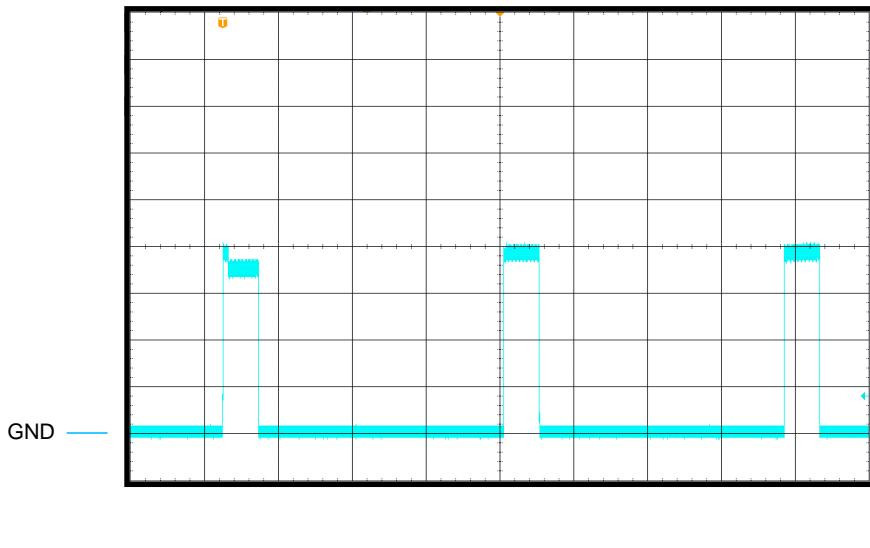
Load : 100%
Overvoltage protection
value : 15.6VTime
[20ms/div]

Output Voltage OVP Point

A schematic diagram showing the output voltage response. The voltage remains constant until it reaches the 'OVP Point' (indicated by a dashed line), after which it drops sharply to a lower level and remains constant. A horizontal line labeled 'Output Voltage' is shown at the initial level.

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Model	LHA100F-12	Temperature	25°C
Item	Short Circuit Current	Testing Circuitry	A
Object	_____	Load	: Short

Output
Current
[5A/div]Output
Current
[5A/div]

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Model	LHA100F-12-R2	Temperature	25°C														
Item	Input voltage - Power consumption	Testing Circuitry	-														
Object	_____	Load	: 0%														
1. Graph			2. Values														
			<table border="1"> <thead> <tr> <th>Input voltage [V]</th> <th>Power consumption [W]</th> </tr> </thead> <tbody> <tr><td>85</td><td>0.49</td></tr> <tr><td>100</td><td>0.61</td></tr> <tr><td>115</td><td>0.73</td></tr> <tr><td>200</td><td>1.42</td></tr> <tr><td>230</td><td>1.76</td></tr> <tr><td>264</td><td>2.14</td></tr> </tbody> </table>	Input voltage [V]	Power consumption [W]	85	0.49	100	0.61	115	0.73	200	1.42	230	1.76	264	2.14
Input voltage [V]	Power consumption [W]																
85	0.49																
100	0.61																
115	0.73																
200	1.42																
230	1.76																
264	2.14																
<p>Reducing standby power is possible by OFF signal of the remote control.</p>																	

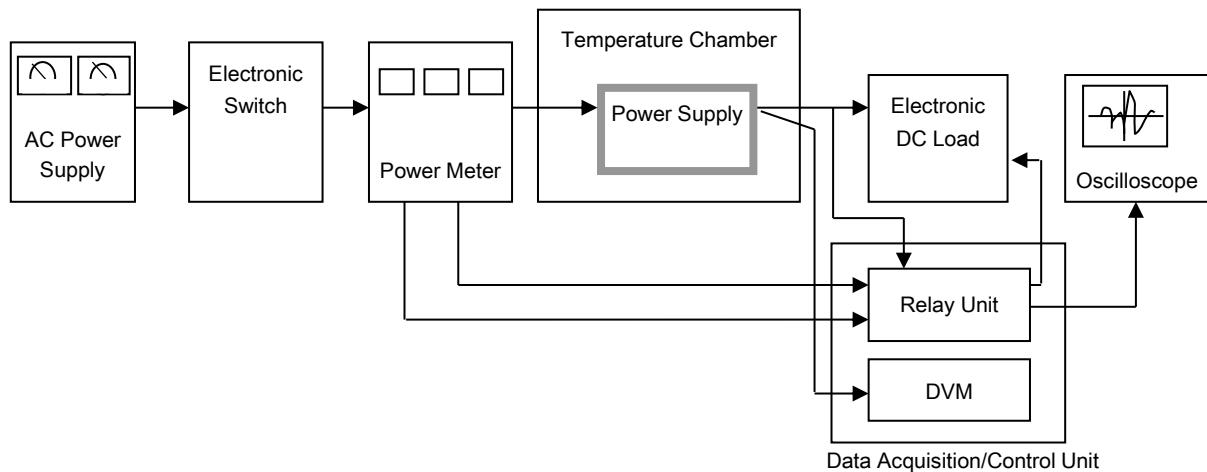
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Figure A