



## ***EXTRA TEST DATA OF PBA150F-12***

*Regulated DC Power Supply  
Jun, 09, 2020*

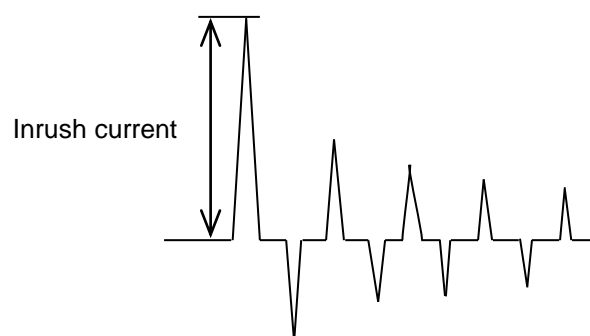
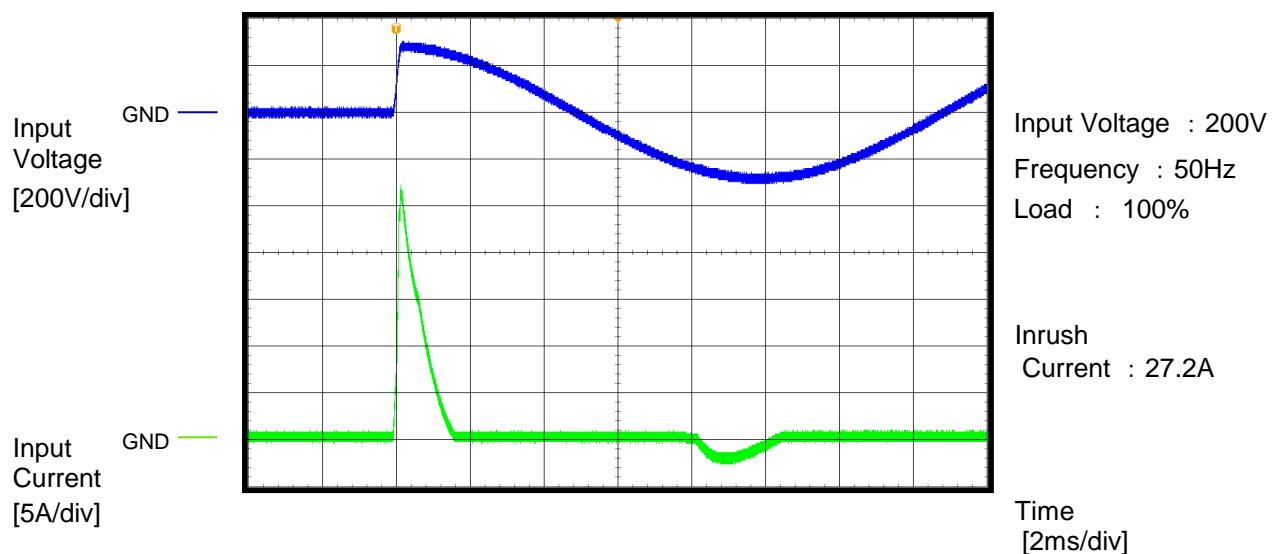
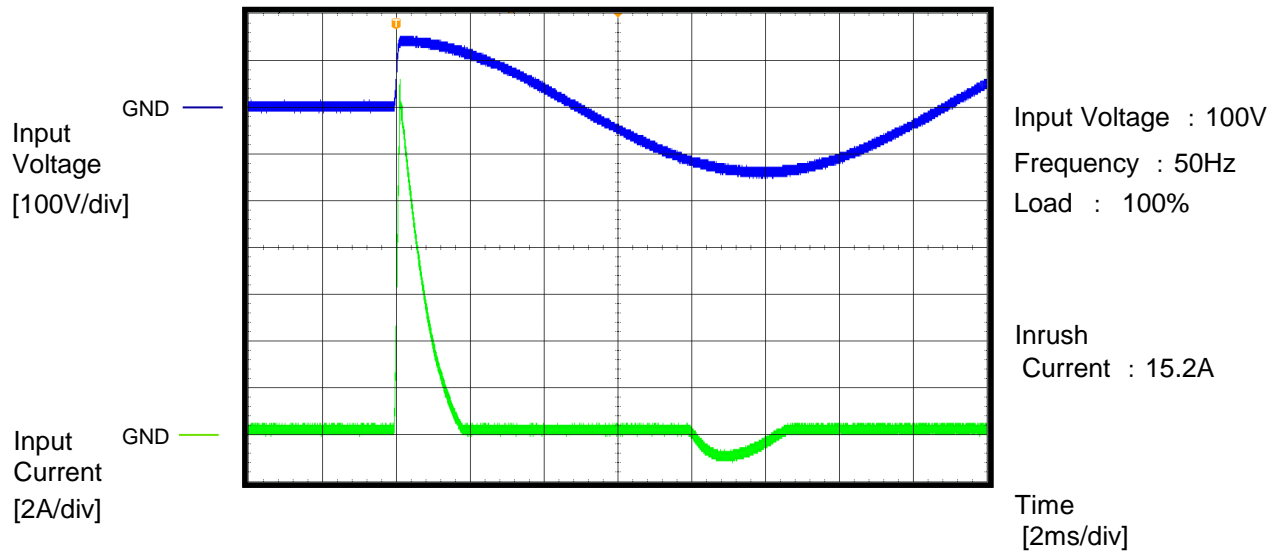
**COSEL CO.,LTD.**

## CONTENTS

1.Inrush Current (enlargement) . . . . .	1
2.Dynamic Line Regulation . . . . .	2
3.Oversvoltage Protection (waveform) . . . . .	3
4.Hiccup cycle (by Overcurrent Protection) . . . . .	4
5.Power Consumption (by Input Voltage) . . . . .	5
6.Figure of Testing Circuitry . . . . .	6

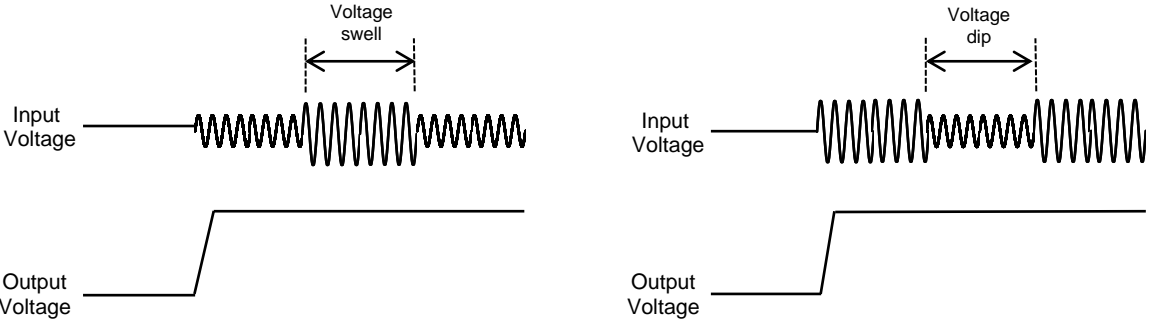
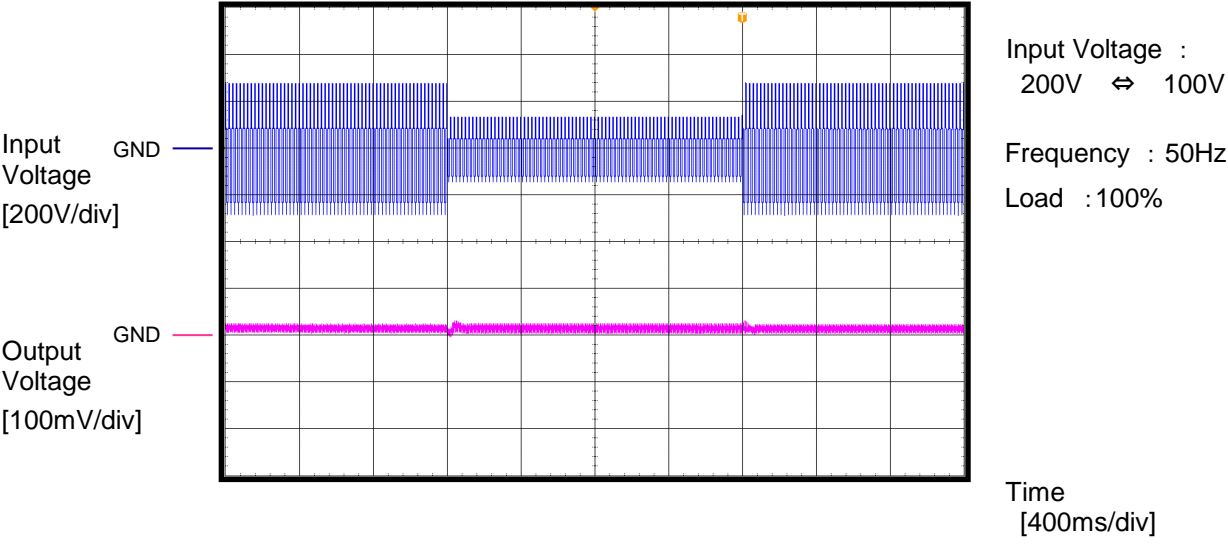
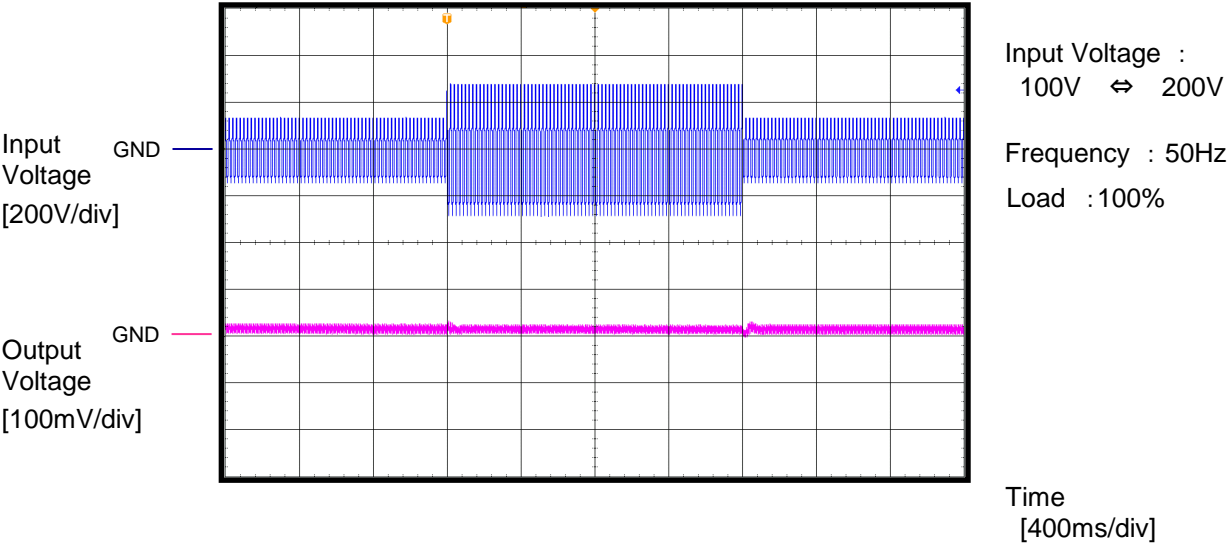
(Final Page 6)

Model	PBA150F-12		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A





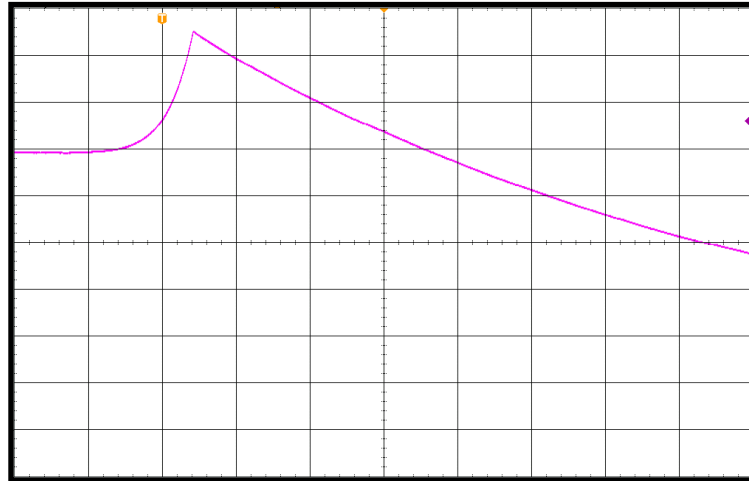
Model	PBA150F-12	Temperature     25°C Testing Circuitry   A	
Item	Dynamic Line Regulation		
Object	_____		



		Temperature 25°C Testing Circuitry A  Input Voltage : 100V
Model	PBA150F-12	
Item	Over Voltage Protection	
Object	_____	

Output Voltage  
[2V/div]

GND



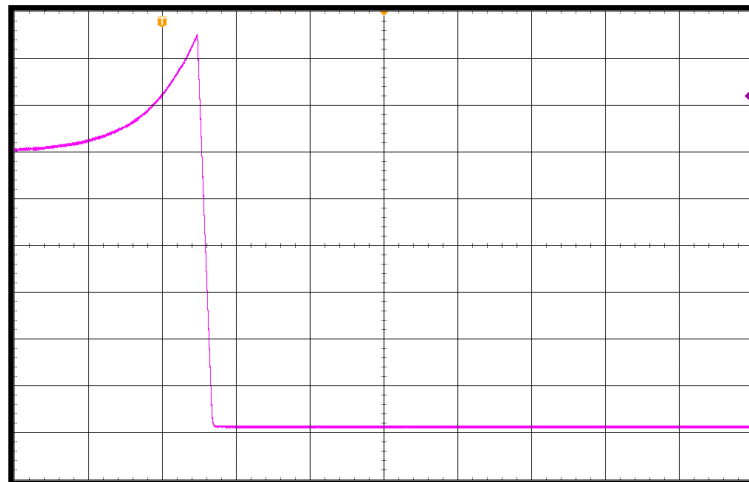
Load : 0%

Overvoltage protection  
value : 17.1V

Time  
[40ms/div]

Output Voltage  
[2V/div]

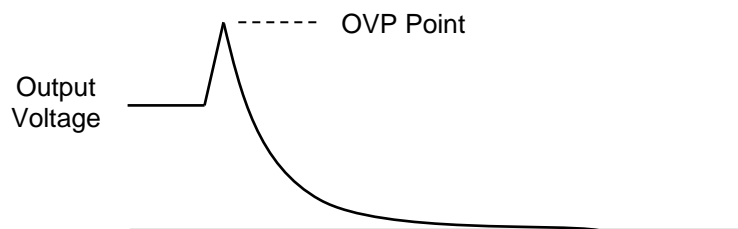
GND



Load : 100%

Overvoltage protection  
value : 17.1V

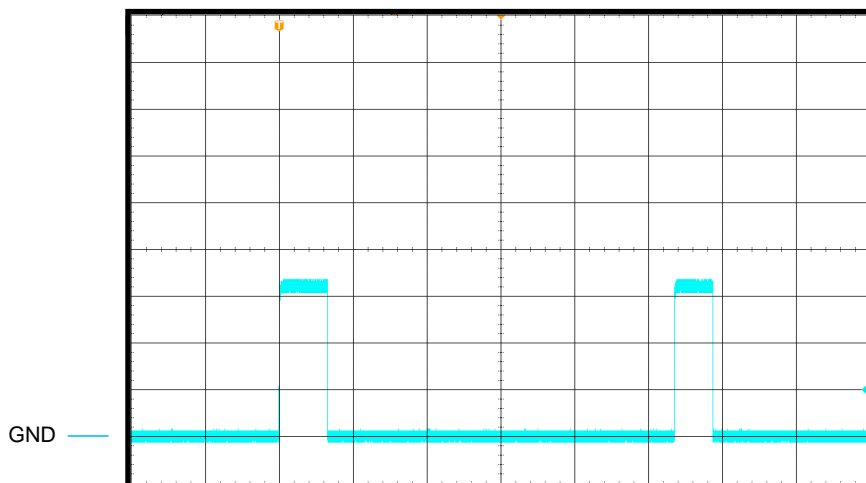
Time  
[20ms/div]



**COSEL**

Model	PBA150F-12	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object	_____	Load	: Short

Output  
Current  
[5A/div]



Input Voltage : 100V

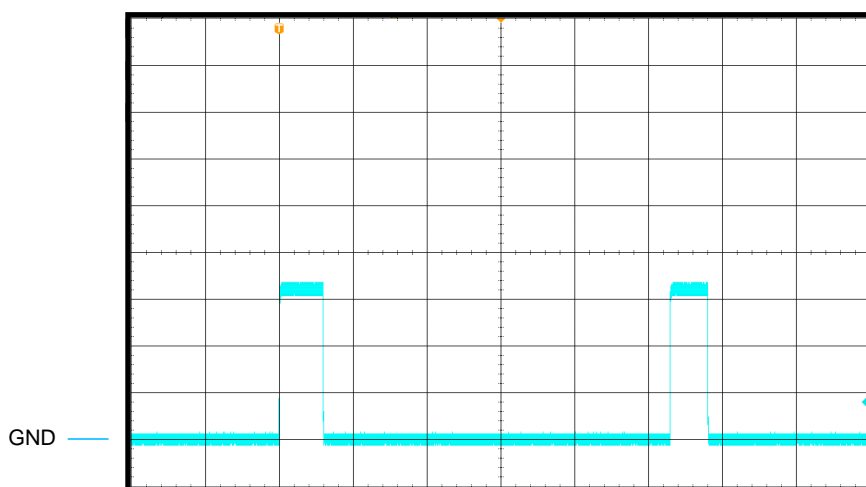
Short-circuit  
current : 16.8A

ON Time : 131ms

Hiccup mode  
time : 1070ms

Time  
[200ms/div]

Output  
Current  
[5A/div]



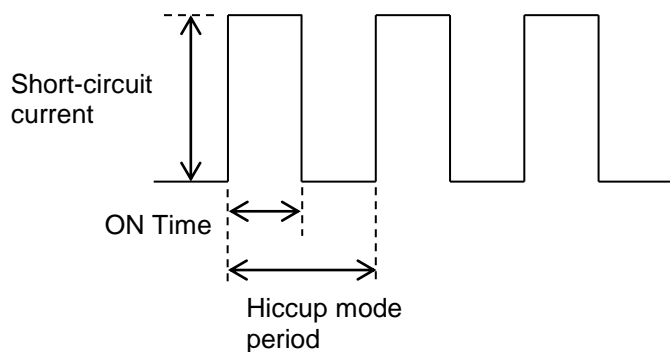
Input Voltage : 200V

Short-circuit  
current : 16.8A

ON Time : 120ms

Hiccup mode  
time : 1059ms

Time  
[200ms/div]





Model	PBA150F-12	Temperature25°C Testing Circuitry-															
Item	Input voltage - Power consumption																
Object																	
1.Graph		Load:0%															
<table><thead><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr></thead><tbody><tr><td>85</td><td>0.26</td></tr><tr><td>100</td><td>0.33</td></tr><tr><td>115</td><td>1.04</td></tr><tr><td>200</td><td>1.38</td></tr><tr><td>230</td><td>1.82</td></tr><tr><td>264</td><td>2.32</td></tr></tbody></table>		Input voltage [V]	Power consumption [W]	85	0.26	100	0.33	115	1.04	200	1.38	230	1.82	264	2.32	2.Values	
Input voltage [V]	Power consumption [W]																
85	0.26																
100	0.33																
115	1.04																
200	1.38																
230	1.82																
264	2.32																
		<table><thead><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr></thead><tbody><tr><td>85</td><td>0.26</td></tr><tr><td>100</td><td>0.33</td></tr><tr><td>115</td><td>1.04</td></tr><tr><td>200</td><td>1.38</td></tr><tr><td>230</td><td>1.82</td></tr><tr><td>264</td><td>2.32</td></tr></tbody></table>		Input voltage [V]	Power consumption [W]	85	0.26	100	0.33	115	1.04	200	1.38	230	1.82	264	2.32
Input voltage [V]	Power consumption [W]																
85	0.26																
100	0.33																
115	1.04																
200	1.38																
230	1.82																
264	2.32																
Reducing standby power is possible by OFF signal of the remote control.																	

-5-

BC-11565

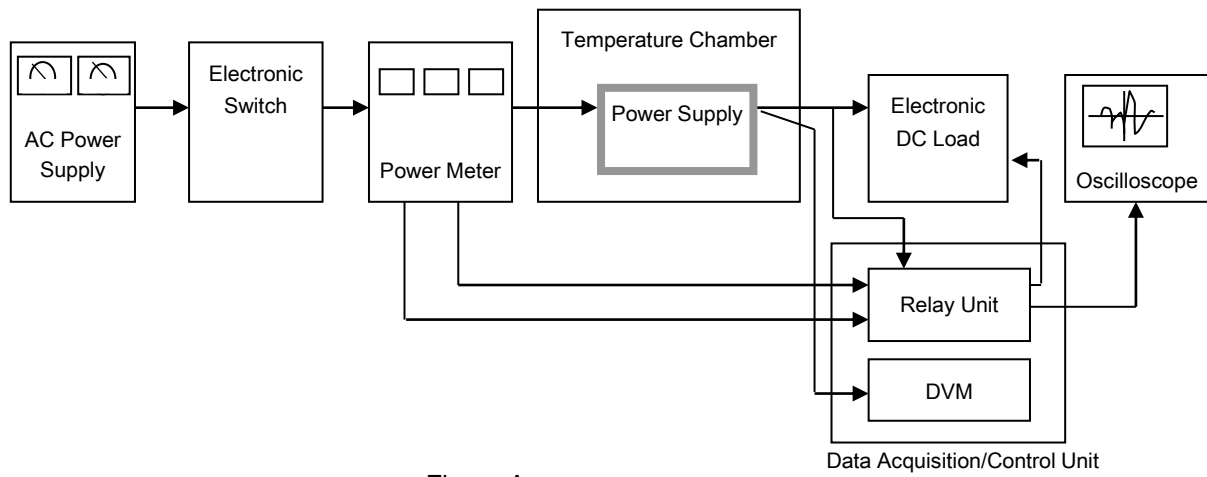


Figure A