



EXTRA TEST DATA OF PBA600F-3R3

*Regulated DC Power Supply
Jun, 15, 2020*

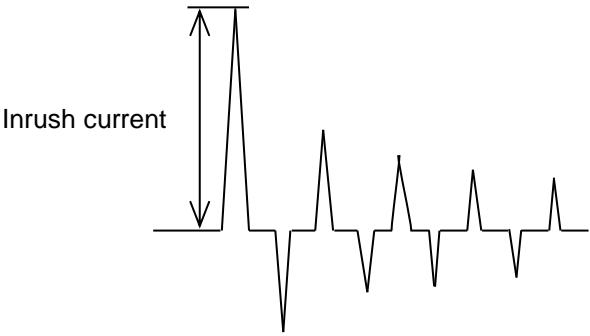
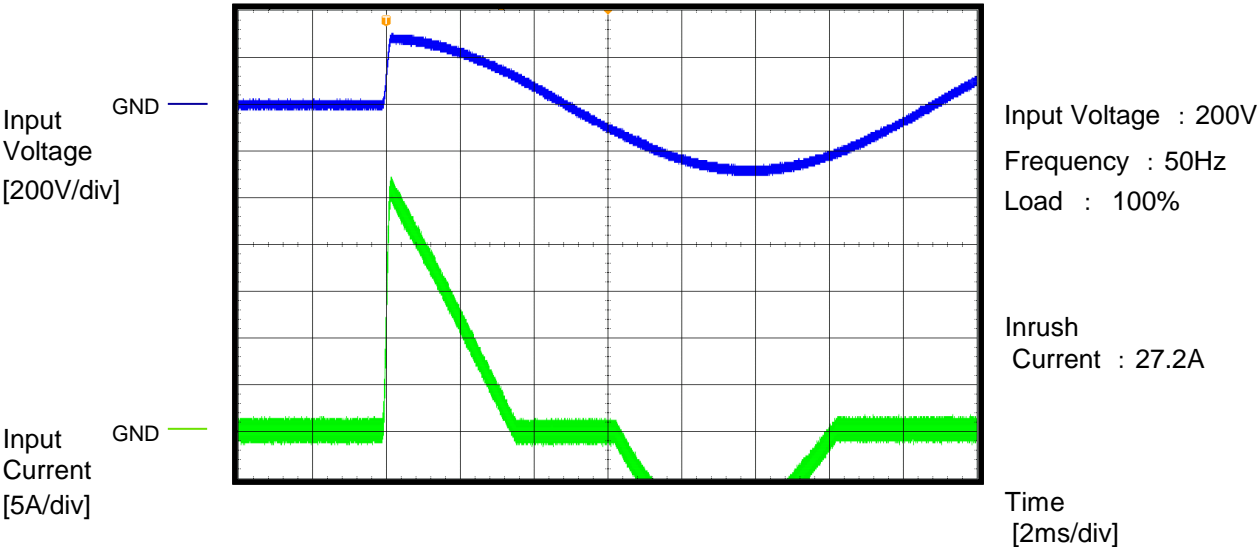
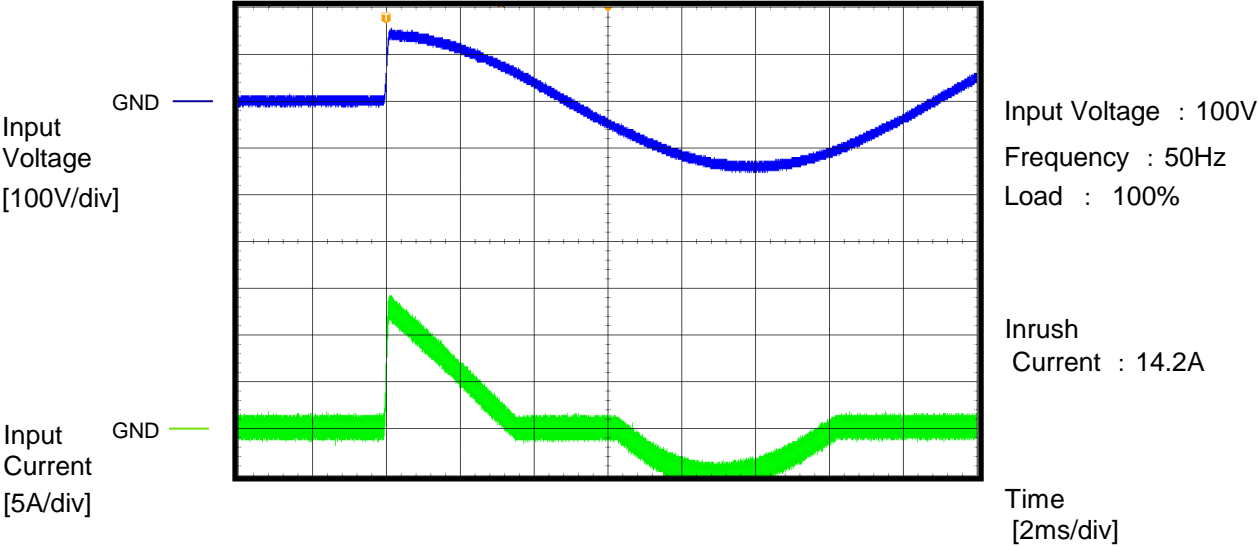
COSEL CO.,LTD.

CONTENTS

1.Inrush Current (enlargement)	1
2.Dynamic Line Regulation	2
3.Overvoltage 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)	

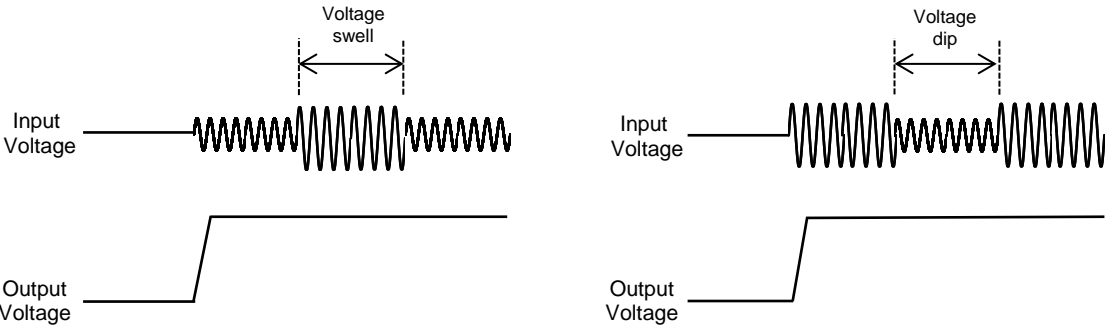
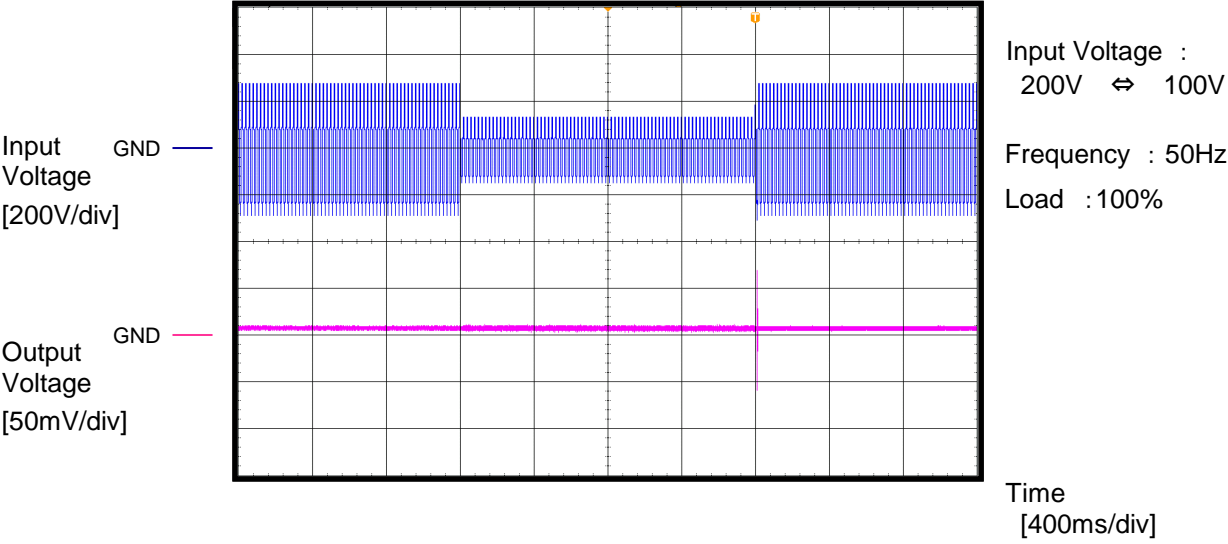
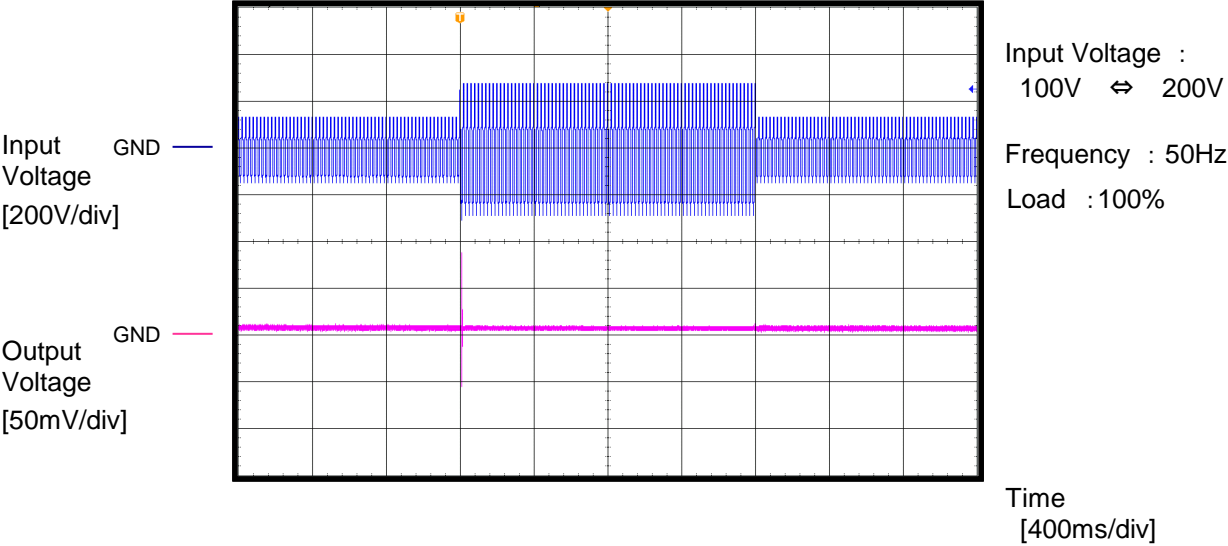


Model	PBA600F-3R3		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A





Model		PBA600F-3R3	Temperature 25°C Testing Circuitry A
Item		Dynamic Line Regulation	
Object		_____	

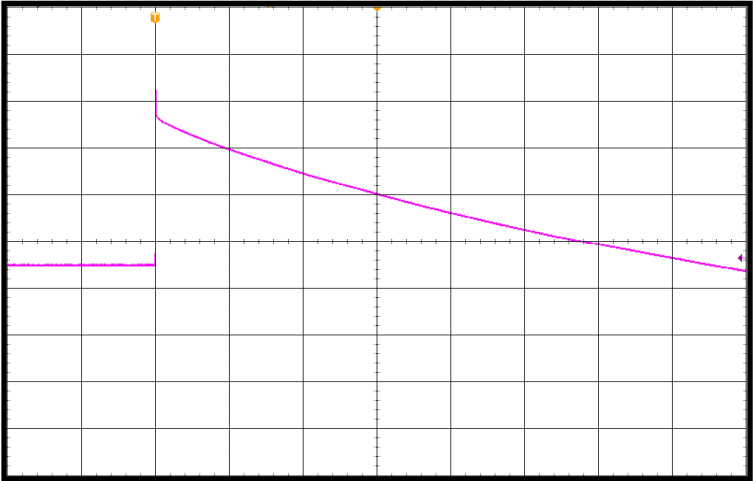




Model	PBA600F-3R3		
Item	Over Voltage Protection	Temperature	25°C
		Testing Circuitry	A
Object		Input Voltage : 100V	

Output Voltage
[1V/div]

GND

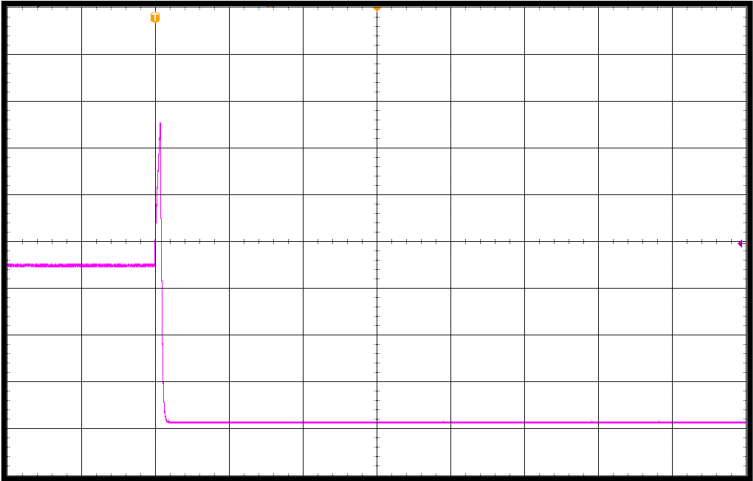


Load : 0%
Overvoltage protection
value : 7.6V

Time
[40ms/div]

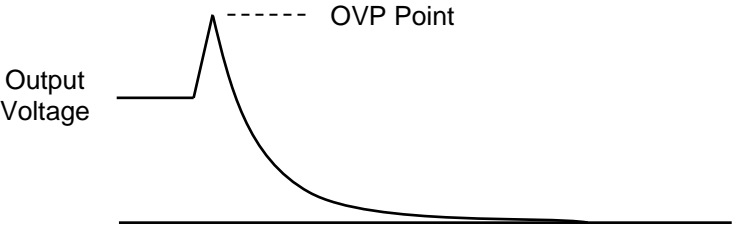
Output Voltage
[1V/div]

GND



Load : 100%
Overvoltage protection
value : 7.5V

Time
[20ms/div]

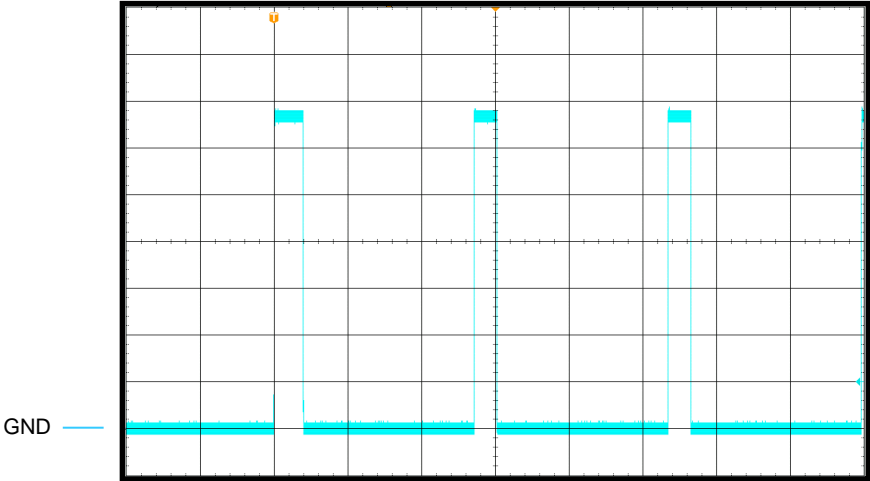


※Normal overvoltage protection circuit operation



Model	PBA600F-3R3		
Item	Hiccup cycle (by Overcurrent Protection)	Temperature	25°C
		Testing Circuitry	A
Object		Load : Short	

Output
Current
[25A/div]



Input Voltage : 100V

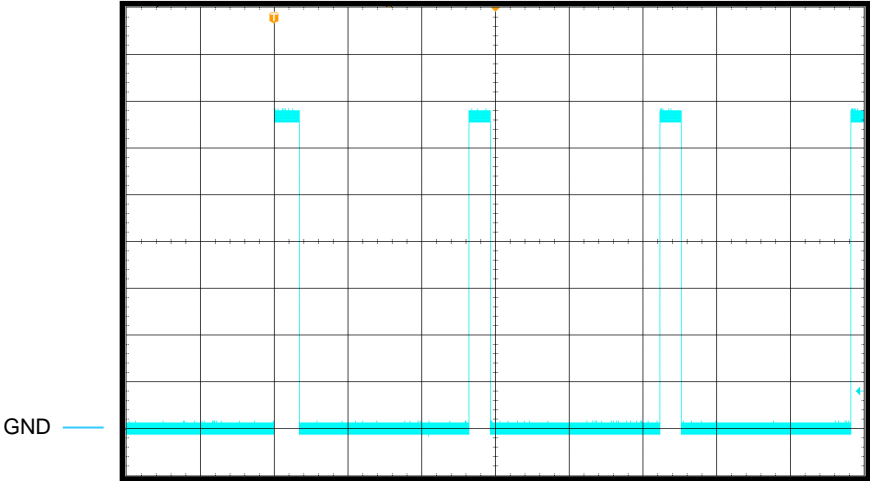
Short-circuit
current : 173A

ON Time : 786ms

Hiccup mode
time : 5420ms

Time
[2000ms/div]

Output
Current
[25A/div]



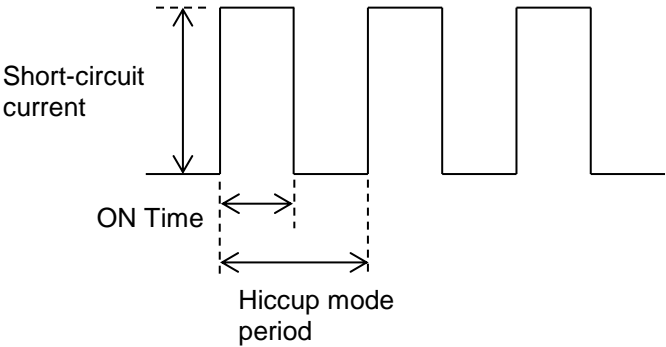
Input Voltage : 200V

Short-circuit
current : 171A

ON Time : 687ms

Hiccup mode
time : 5203ms

Time
[2000ms/div]





Model	PBA600F-3R3																
Item	Input voltage - Power consumption	Temperature	25°C														
Object		Testing Circuitry	-														
1.Graph		Load :0%															
<div>Power consumption [W]</div> <div>Input Voltage [V]</div>		2.Values															
		<table><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr><tr><td>85</td><td>7.43</td></tr><tr><td>100</td><td>7.24</td></tr><tr><td>115</td><td>7.49</td></tr><tr><td>200</td><td>4.34</td></tr><tr><td>230</td><td>4.08</td></tr><tr><td>264</td><td>3.92</td></tr></table>		Input voltage [V]	Power consumption [W]	85	7.43	100	7.24	115	7.49	200	4.34	230	4.08	264	3.92
Input voltage [V]	Power consumption [W]																
85	7.43																
100	7.24																
115	7.49																
200	4.34																
230	4.08																
264	3.92																
Reducing standby power is possible by OFF signal of the remote control.																	

- 5 -

BC-11578

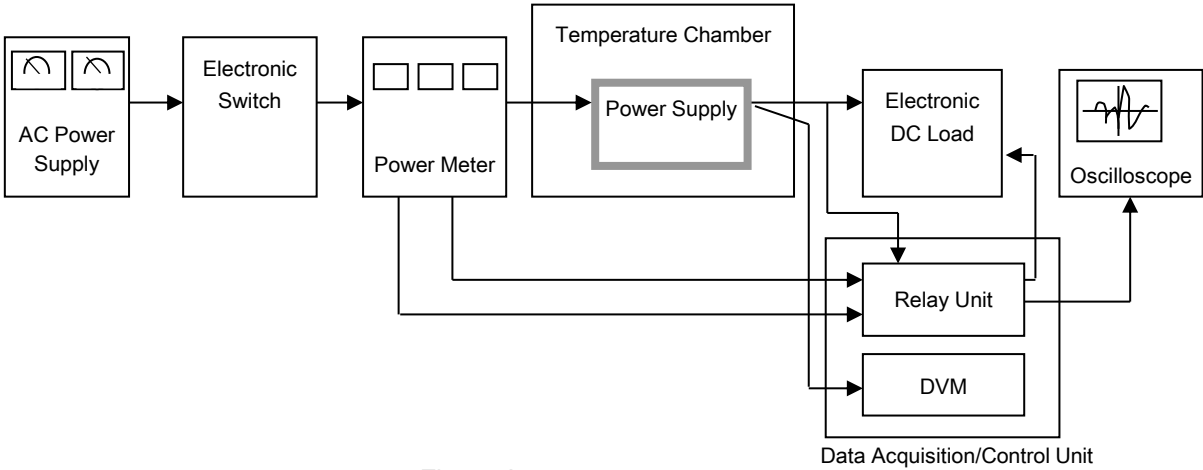


Figure A