



EXTRA TEST DATA OF PBA300F-3R3

*Regulated DC Power Supply
Jun, 11, 2020*

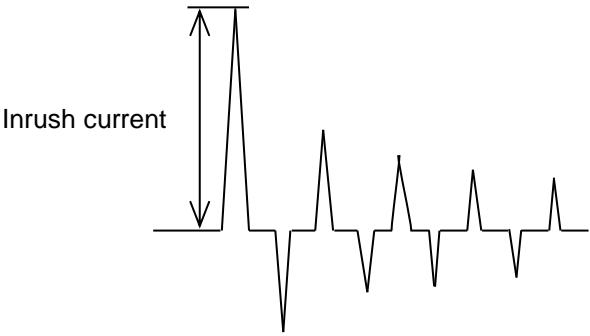
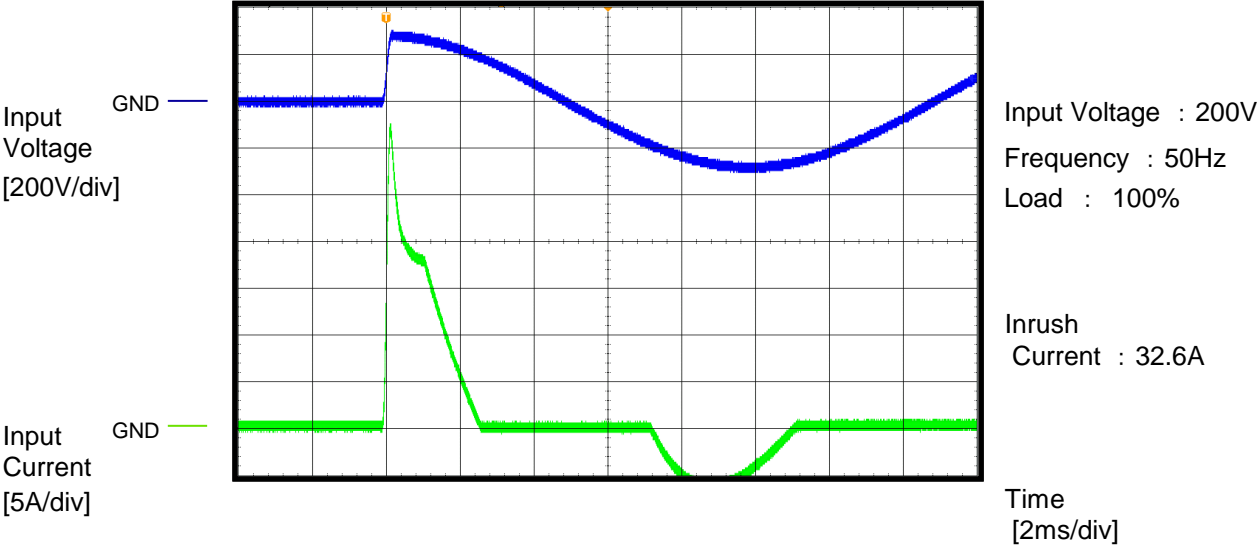
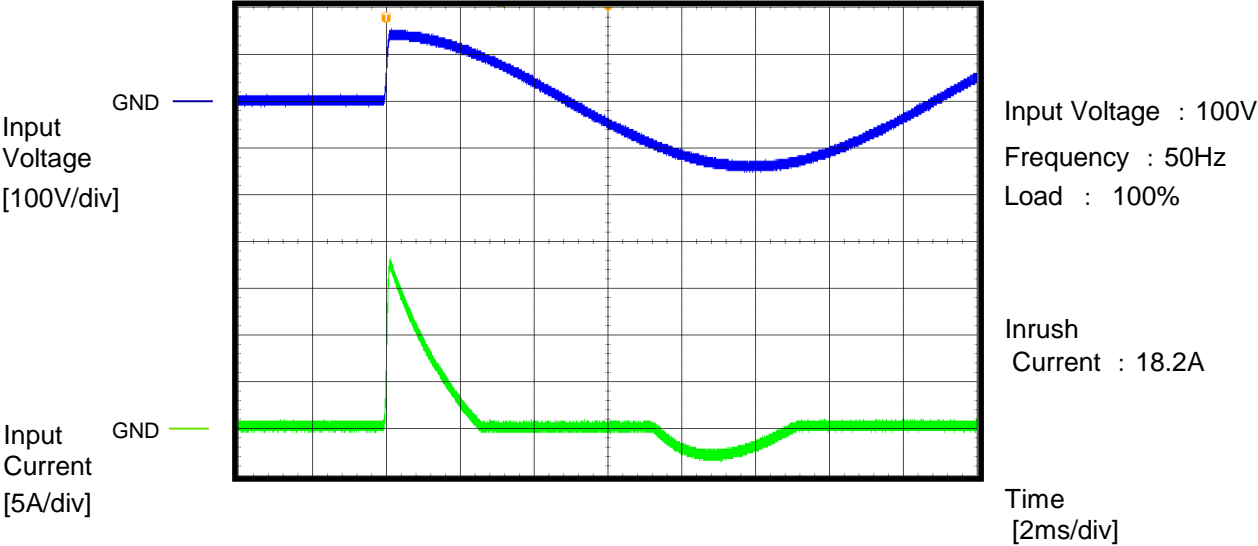
COSEL CO.,LTD.

CONTENTS

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

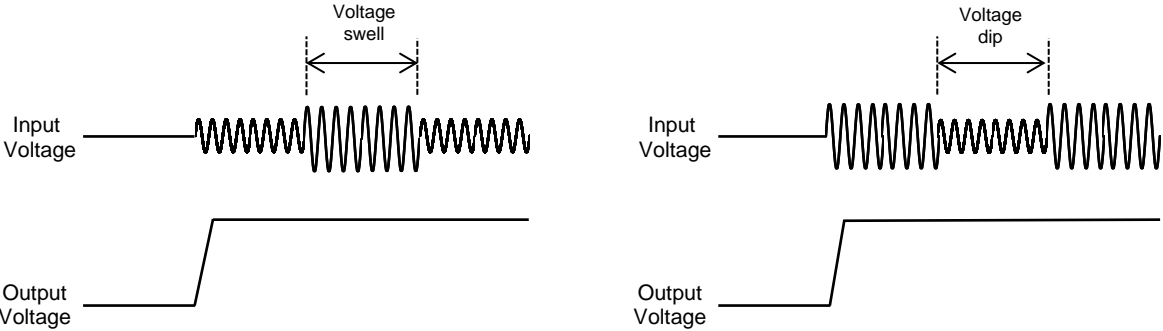
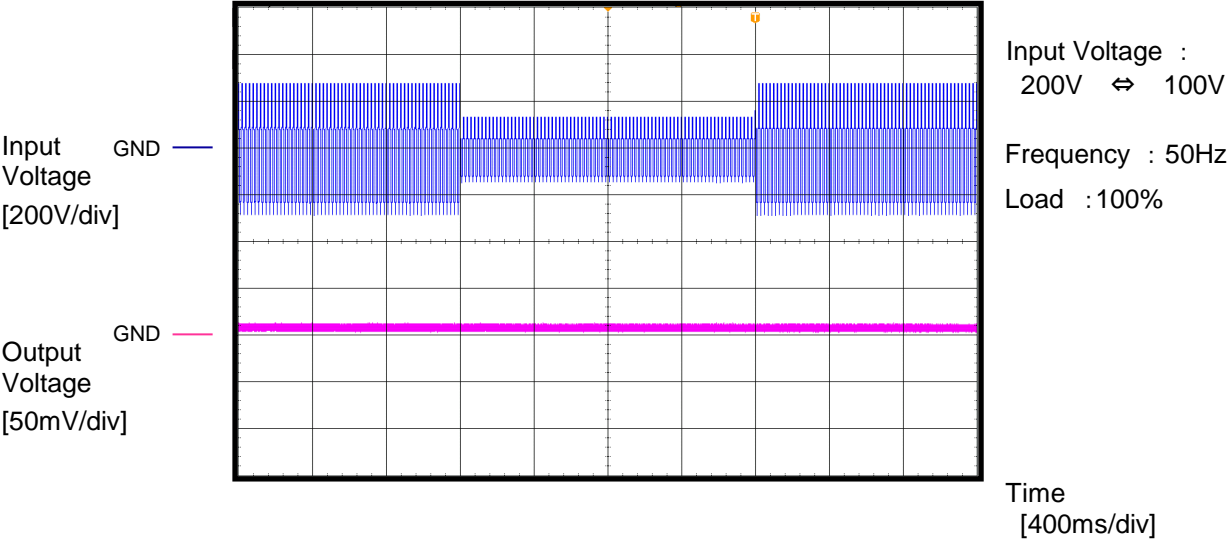
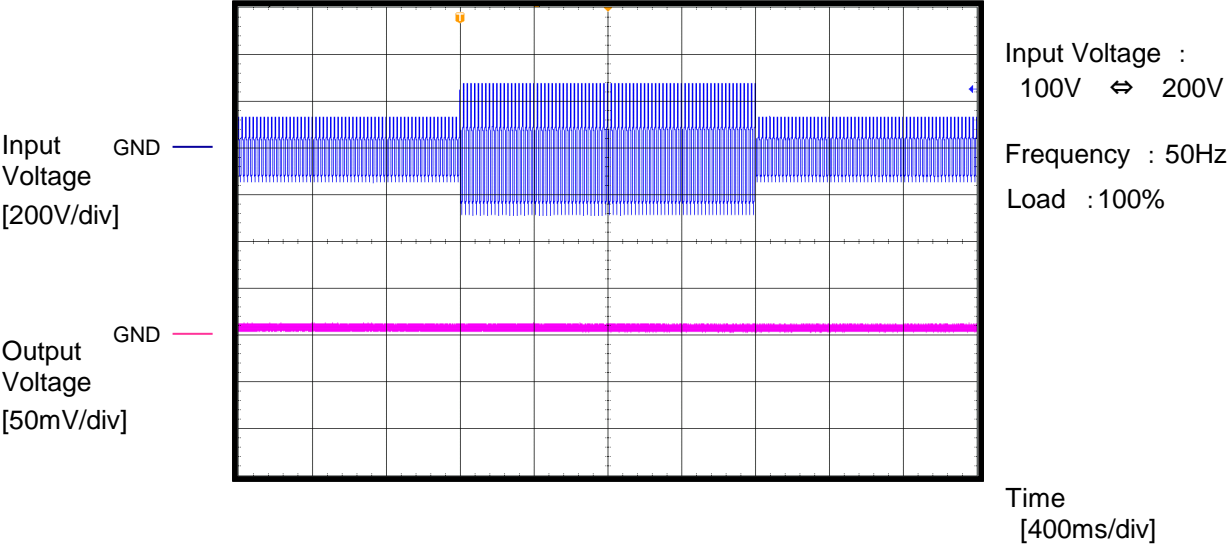


Model	PBA300F-3R3		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A





Model	PBA300F-3R3		
Item	Dynamic Line Regulation	Temperature	25°C
Object		Testing Circuitry	A

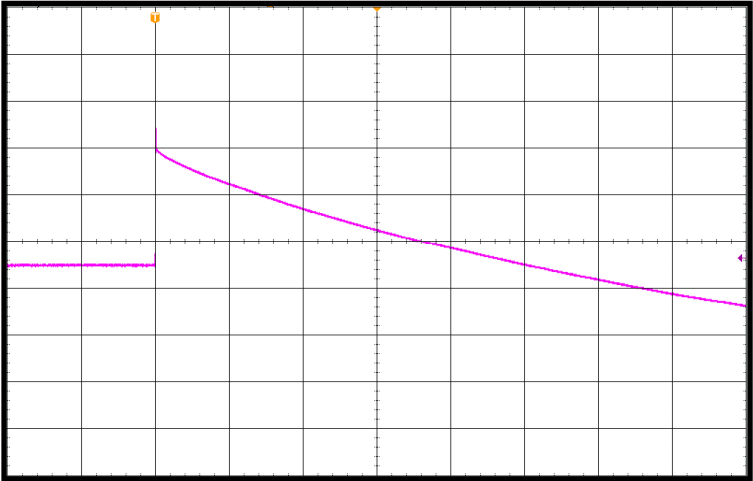




Model	PBA300F-3R3	Temperature	25°C
Item	Over Voltage Protection	Testing Circuitry	A
Object		Input Voltage : 100V	

Output
Voltage
[1V/div]

GND

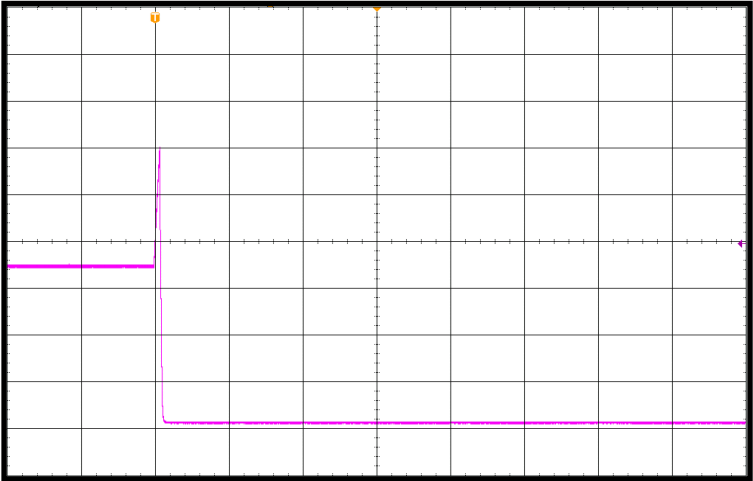


Load : 0%
Overvoltage protection
value : 6.4V

Time
[40ms/div]

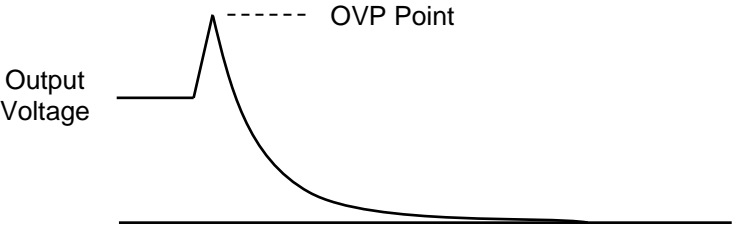
Output
Voltage
[1V/div]

GND



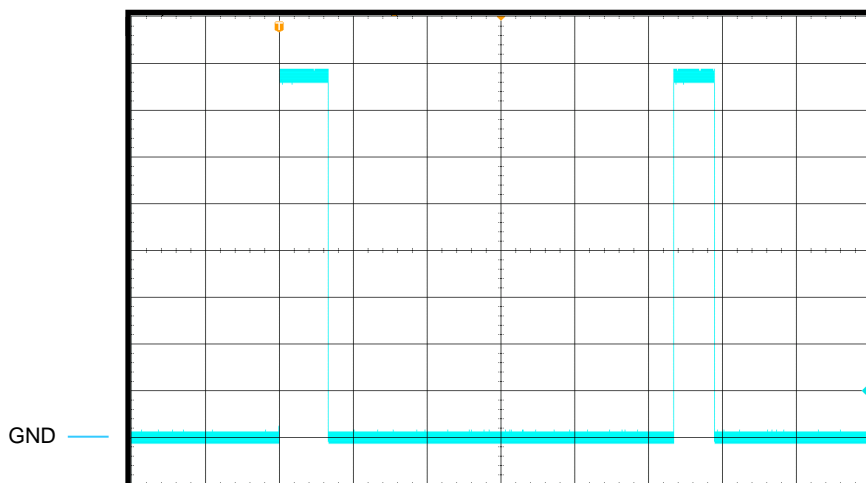
Load : 100%
Overvoltage protection
value : 6.0V

Time
[20ms/div]



Model	PBA300F-3R3		
Item	Hiccup cycle (by Overcurrent Protection)	Temperature	25°C
Object		Testing Circuitry	A
		Load : Short	

Output Current
[10A/div]



Input Voltage : 100V

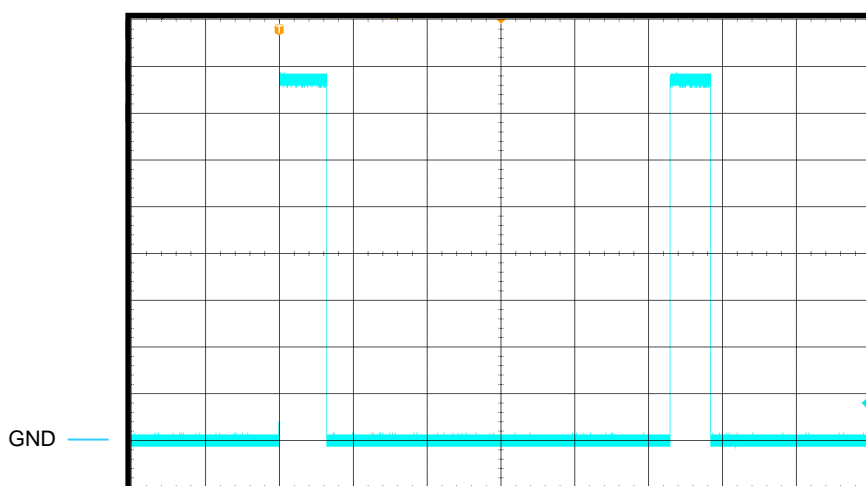
Short-circuit
current : 78.8A

ON Time : 668ms

Hiccup mode
time : 5345ms

Time
[1000ms/div]

Output Current
[10A/div]



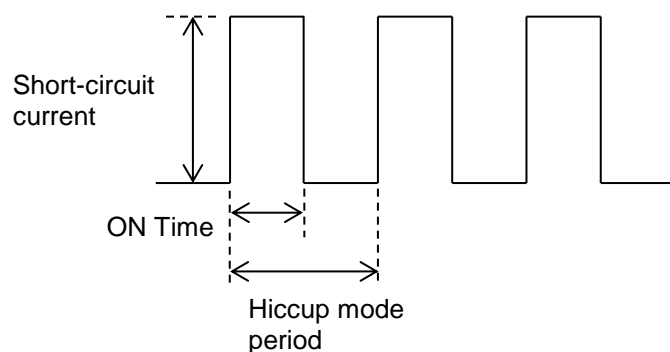
Input Voltage : 200V

Short-circuit
current : 78.8A

ON Time : 643ms

Hiccup mode
time : 5296ms

Time
[1000ms/div]





Model	PBA300F-3R3																
Item	Input voltage - Power consumption	Temperature	25°C														
		Testing Circuitry	-														
Object	_____	Load :0%															
1.Graph		2.Values															
<div><div>Power consumption[W]</div><div>Input Voltage [V]</div></div>		<table><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr><tr><td>85</td><td>6.43</td></tr><tr><td>100</td><td>6.33</td></tr><tr><td>115</td><td>6.46</td></tr><tr><td>200</td><td>6.45</td></tr><tr><td>230</td><td>6.70</td></tr><tr><td>264</td><td>6.50</td></tr></table>		Input voltage [V]	Power consumption [W]	85	6.43	100	6.33	115	6.46	200	6.45	230	6.70	264	6.50
Input voltage [V]	Power consumption [W]																
85	6.43																
100	6.33																
115	6.46																
200	6.45																
230	6.70																
264	6.50																
Reducing standby power is possible by OFF signal of the remote control.																	

- 5 -

BC-11570

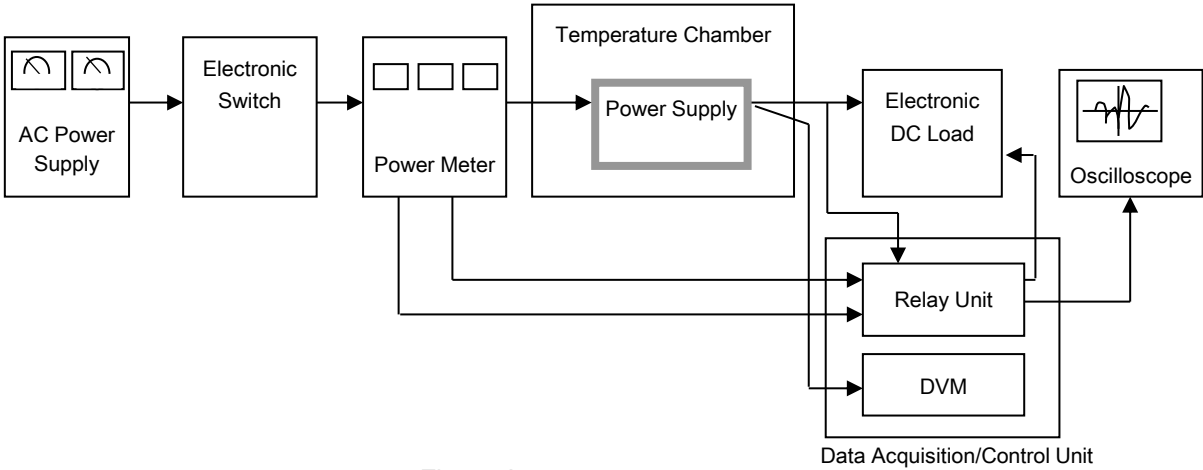


Figure A