



EXTRA TEST DATA OF PBA15F-48

*Regulated DC Power Supply
Jun, 01, 2020*

COSEL CO.,LTD.



CONTENTS

1.Inrush Current (enlargement) 1

2.Dynamic Line Regulation 2

3.Overvoltage Protection (waveform) 3

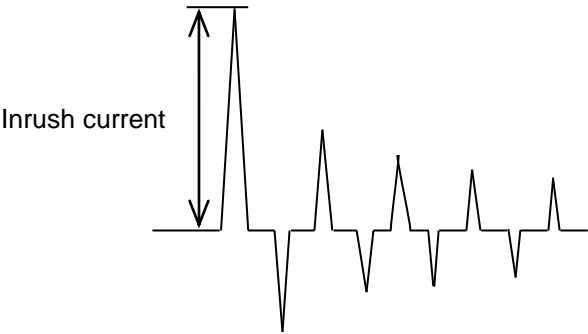
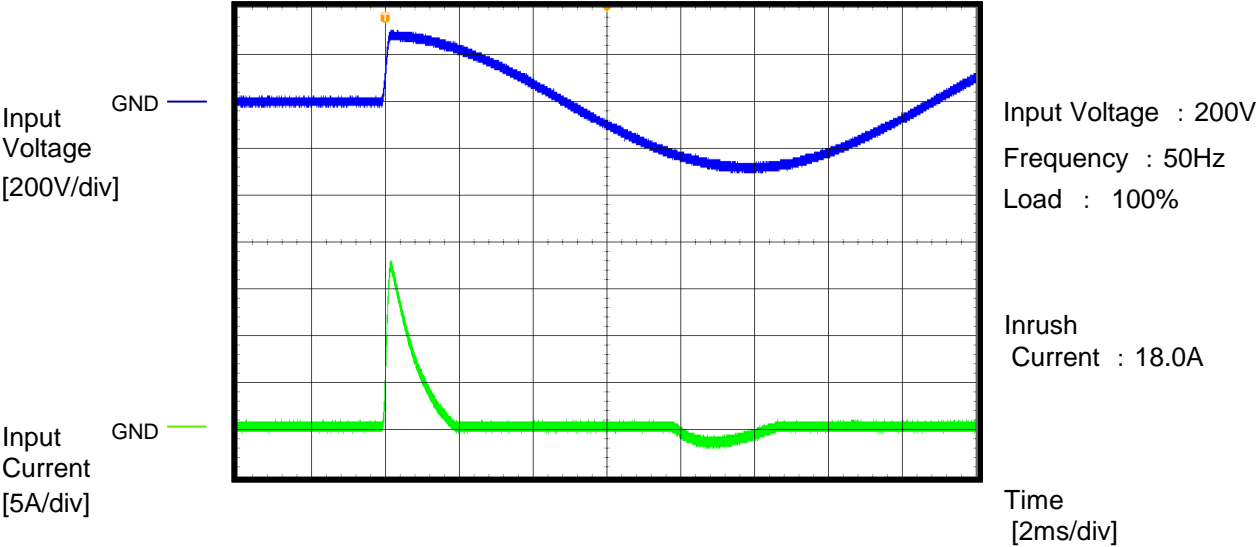
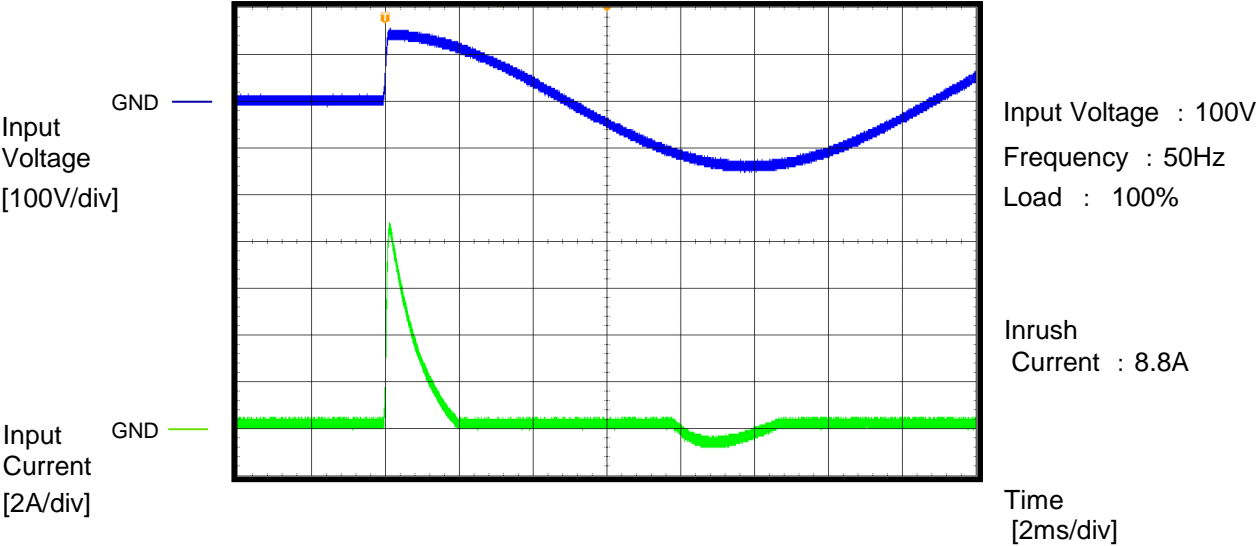
4.Hiccup cycle (by Overcurrent Protection) 4

5.Figure of Testing Circuitry 5

(Final Page 5)

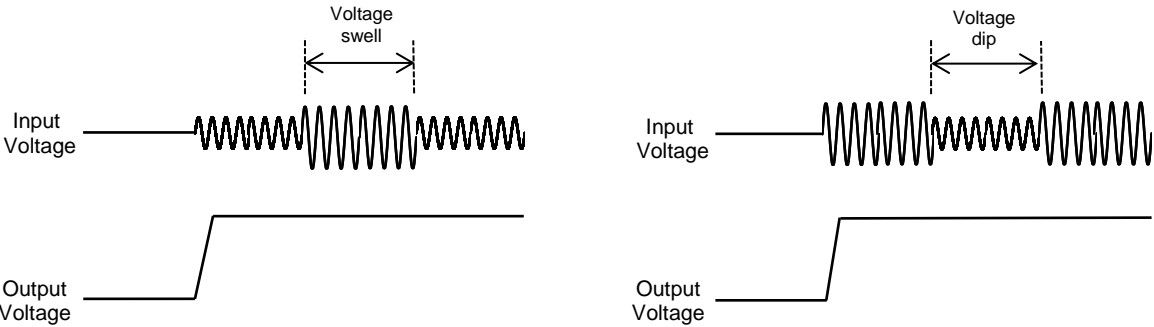
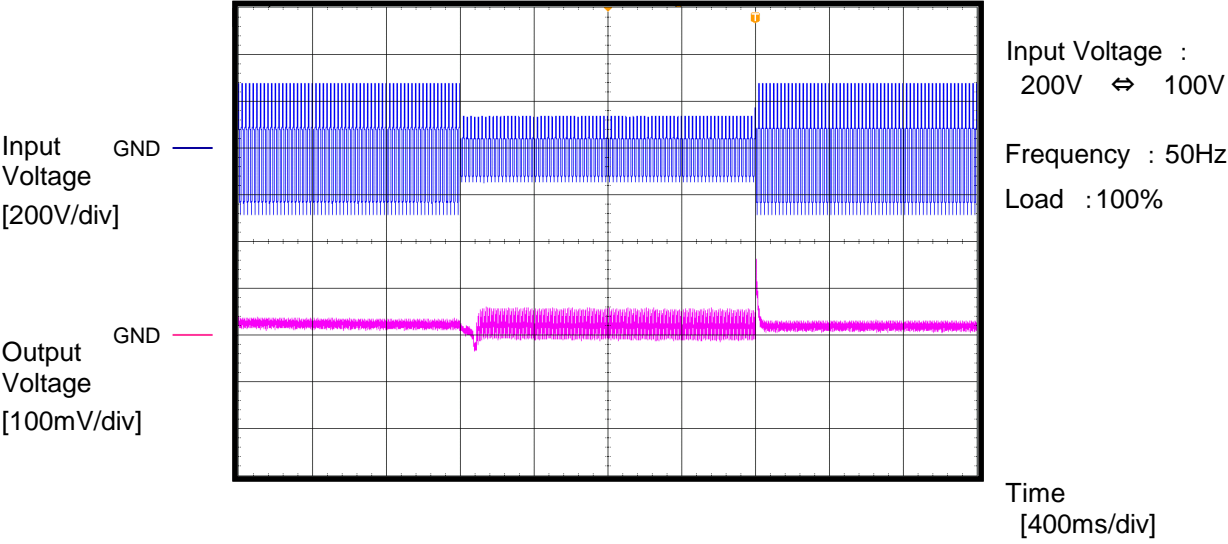
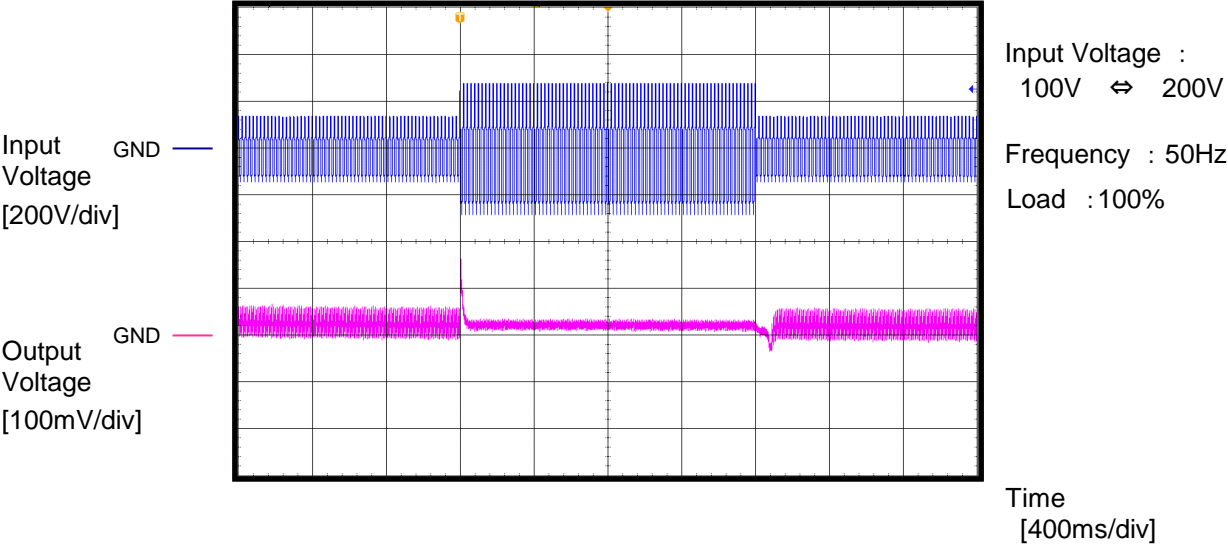


Model	PBA15F-48		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A





Model		PBA15F-48	Temperature 25°C Testing Circuitry A
Item		Dynamic Line Regulation	
Object		_____	

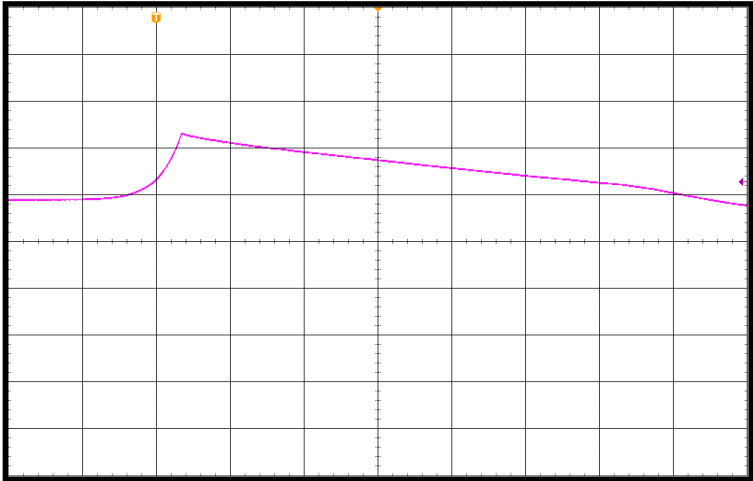




Model	PBA15F-48	Temperature	25°C
Item	Over Voltage Protection	Testing Circuitry	A
Object		Input Voltage : 100V	

Output Voltage
[10V/div]

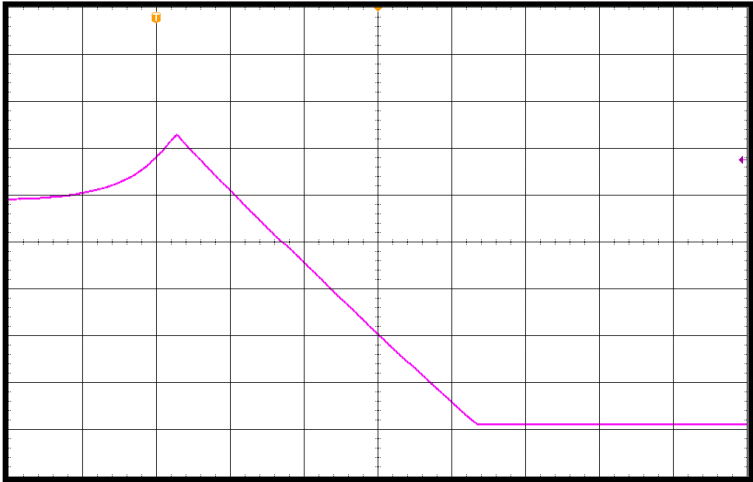
GND



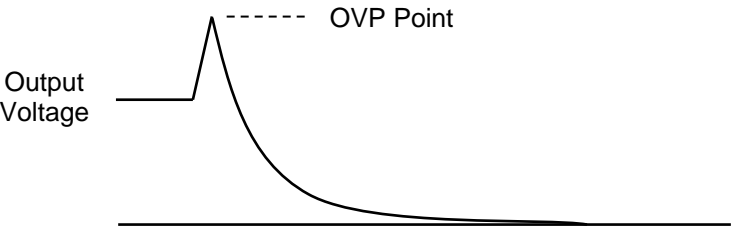
Load : 0%
Overvoltage protection
value : 63.2V

Output Voltage
[10V/div]

GND



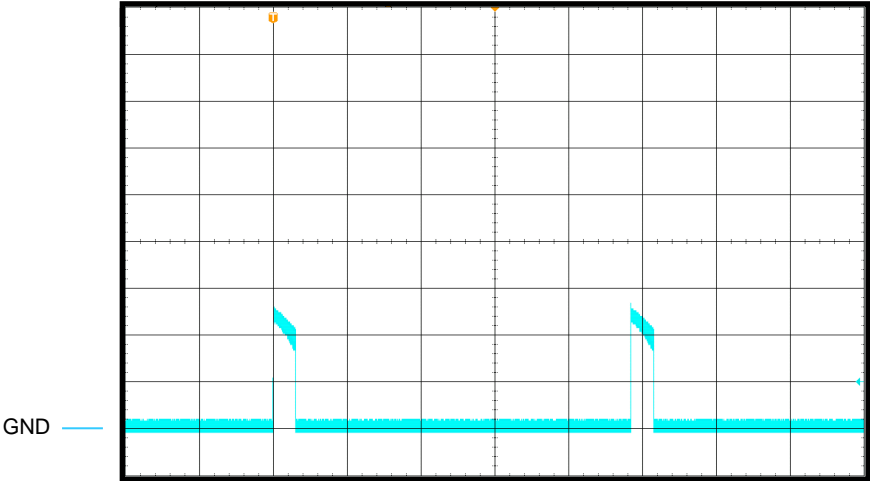
Load : 100%
Overvoltage protection
value : 63.0V





Model	PBA15F-48		
Item	Hiccup cycle (by Overcurrent Protection)	Temperature	25°C
		Testing Circuitry	A
Object		Load : Short	

Output Current
[1A/div]



Input Voltage : 100V

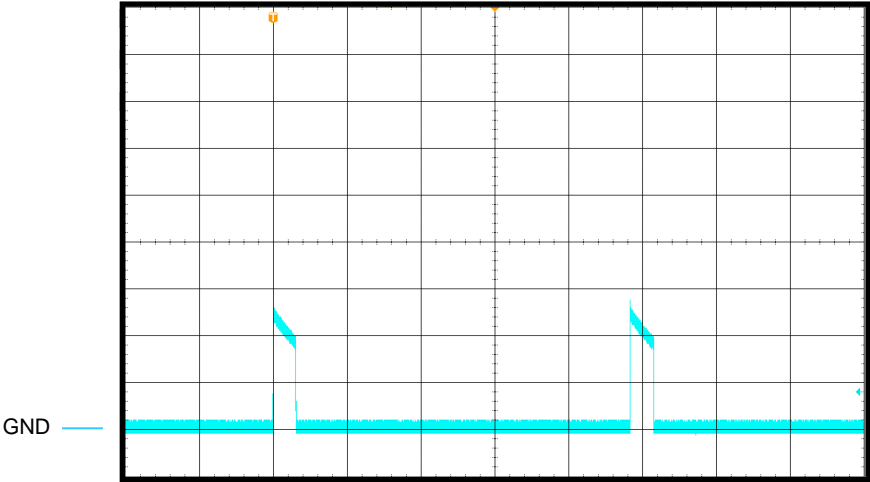
Short-circuit current : 2.7A

ON Time : 60ms

Hiccup mode time : 969ms

Time
[200ms/div]

Output Current
[1A/div]



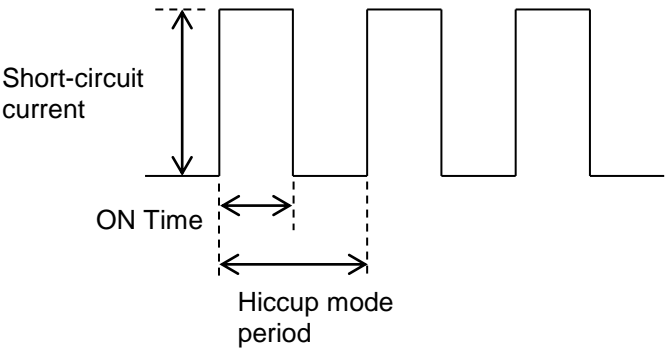
Input Voltage : 200V

Short-circuit current : 2.8A

ON Time : 62ms

Hiccup mode time : 968ms

Time
[200ms/div]



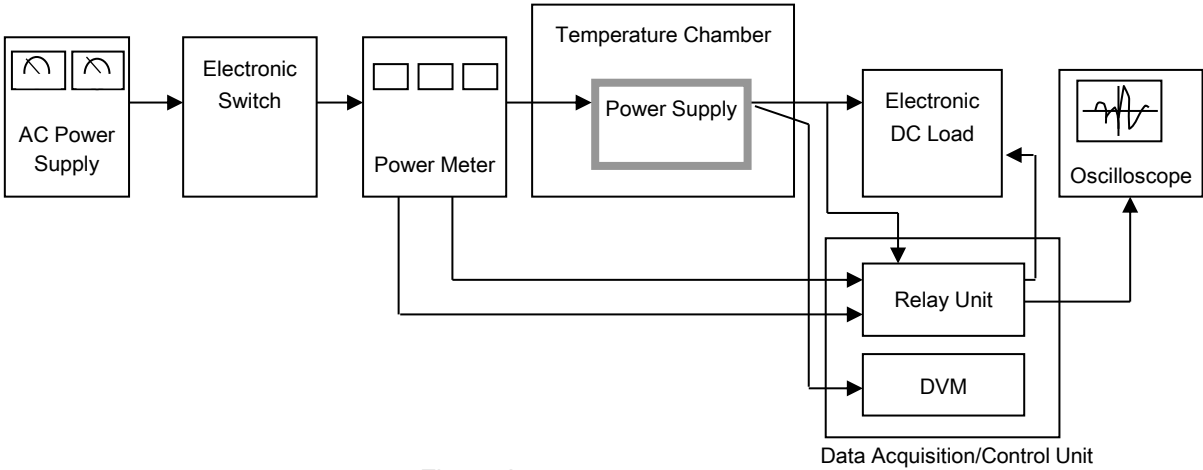


Figure A