



EXTRA TEST DATA OF PBA30F-12

*Regulated DC Power Supply
Jun, 01, 2020*

COSEL CO.,LTD.



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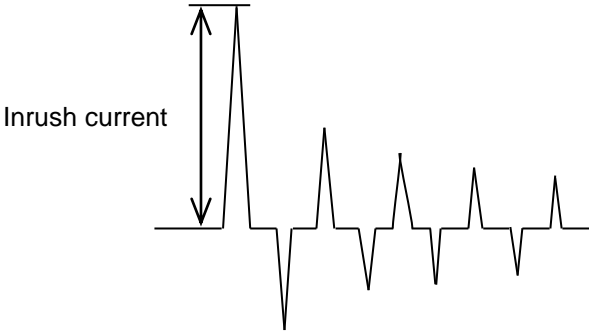
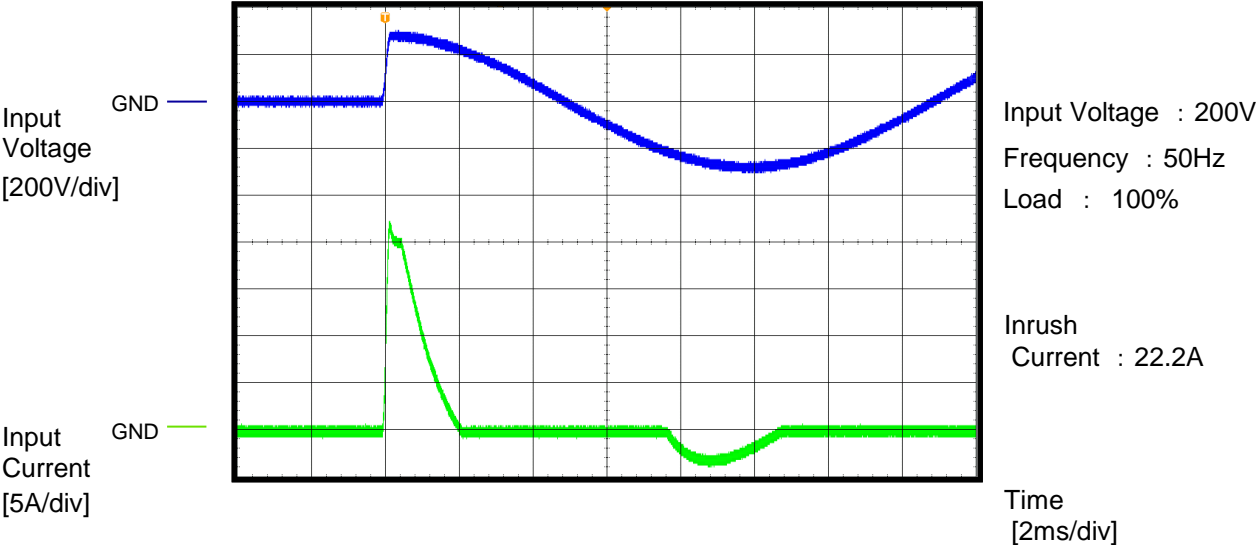
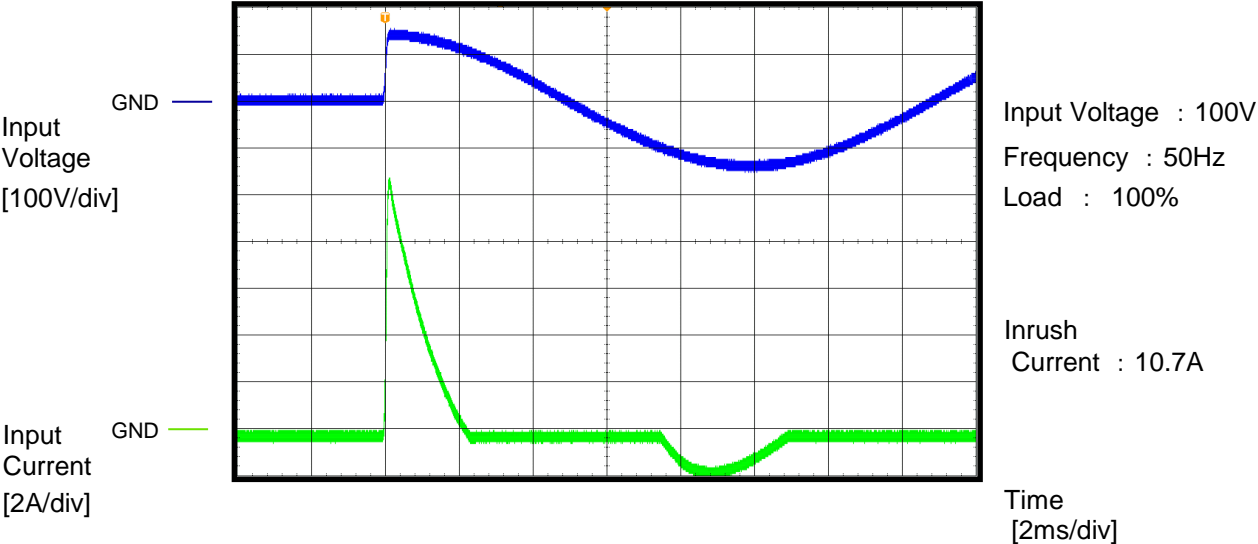
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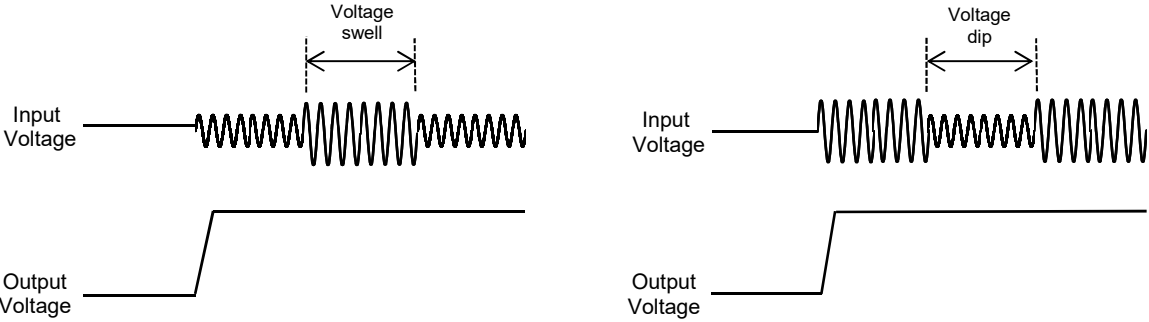
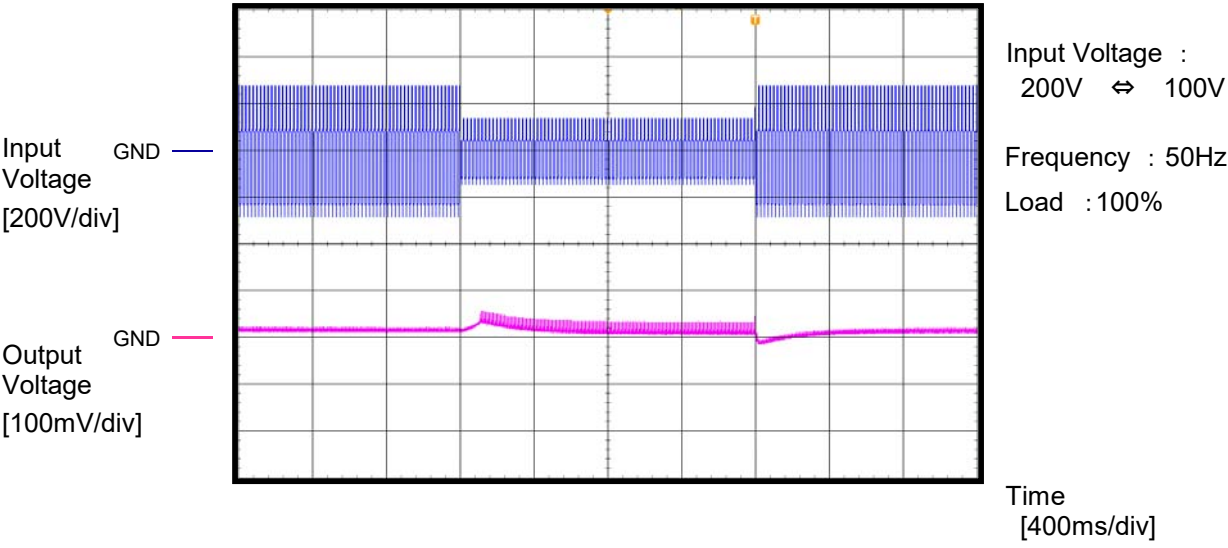
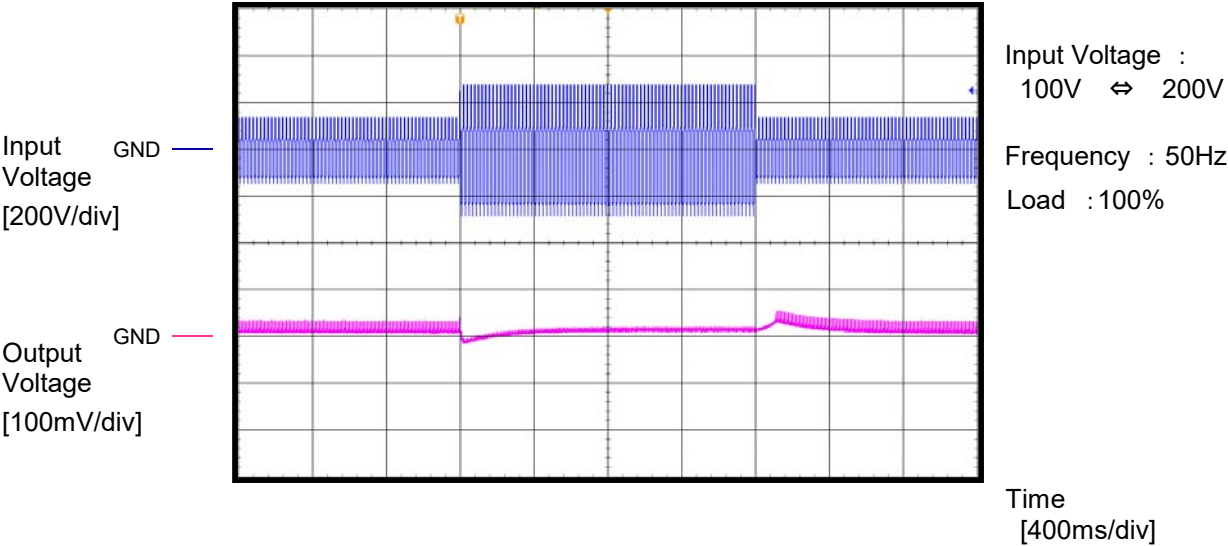


Model	PBA30F-12		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A





Model	PBA30F-12		
Item	Dynamic Line Regulation	Temperature	25°C
Object		Testing Circuitry	A

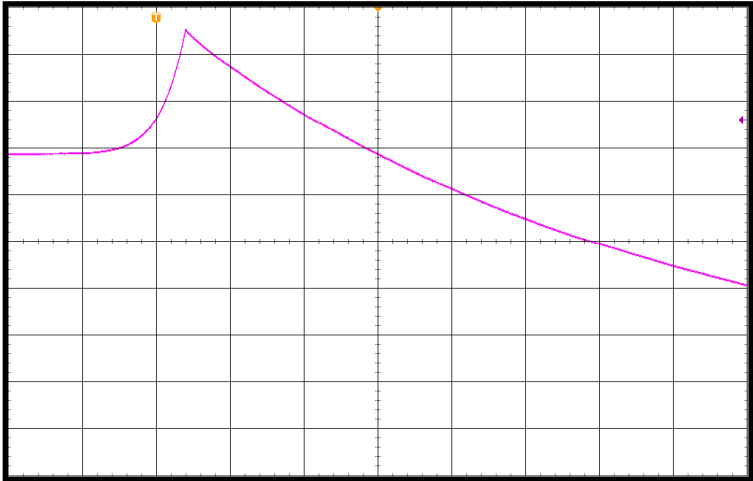




Model	PBA30F-12	Temperature	25°C
Item	Over Voltage Protection	Testing Circuitry	A
Object		Input Voltage : 100V	

Output
Voltage
[2V/div]

GND

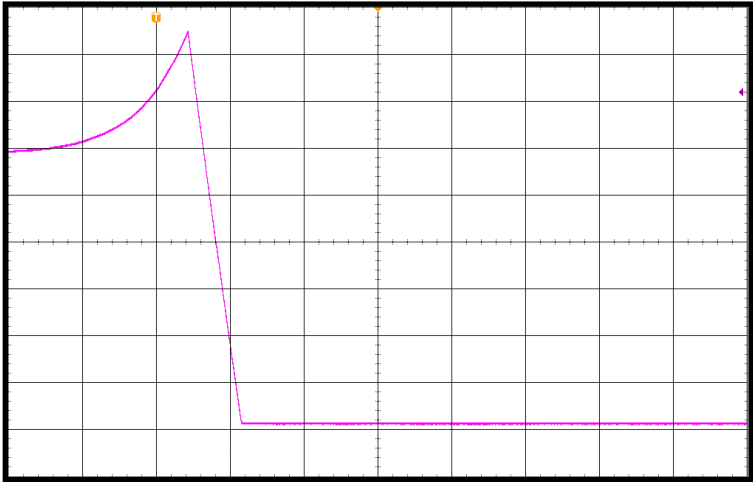


Load :0%
Overvoltage protection
value : 17.1V

Time
[40ms/div]

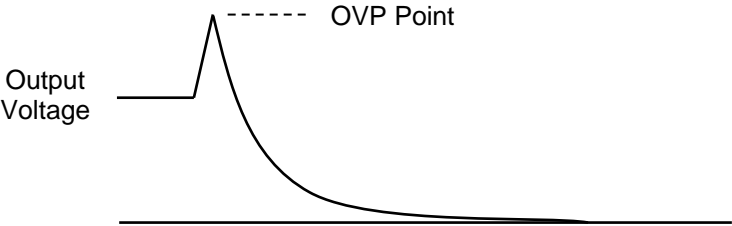
Output
Voltage
[2V/div]

GND



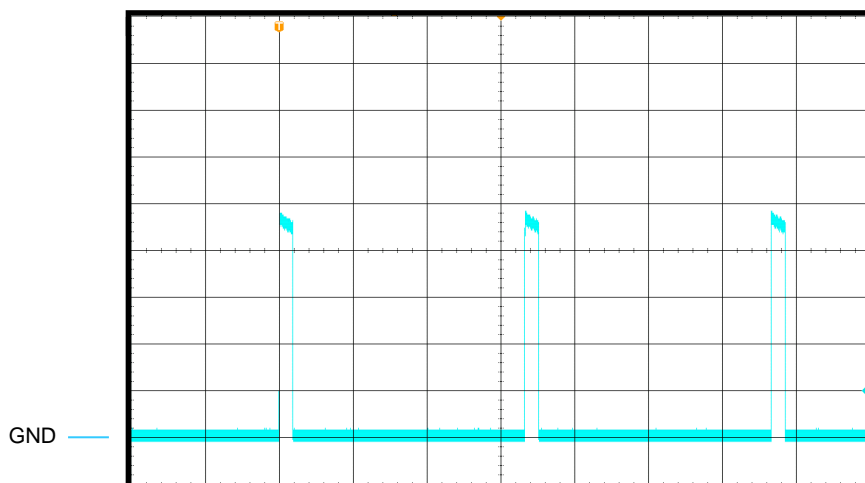
Load :100%
Overvoltage protection
value : 17.0V

Time
[20ms/div]



Model	PBA30F-12	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object	_____	Load	: Short

Output Current
[2A/div]



Input Voltage : 100V

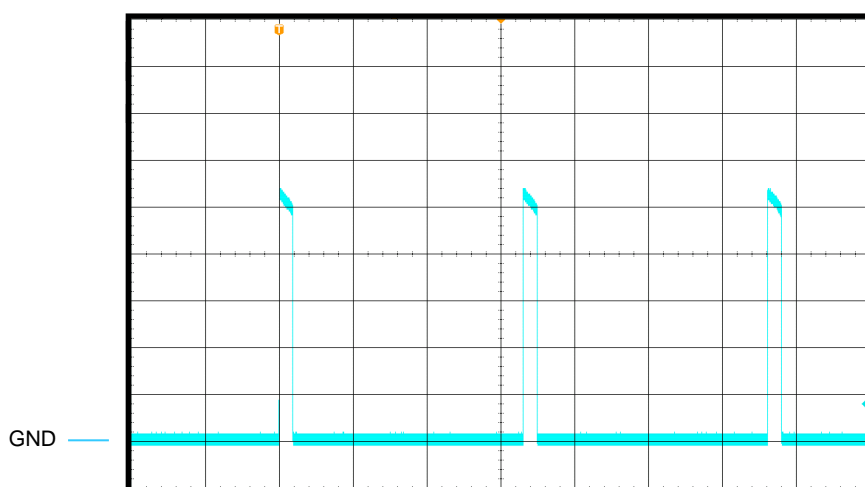
Short-circuit
current : 9.7A

ON Time : 37ms

Hiccup mode
time : 666ms

Time
[200ms/div]

Output Current
[2A/div]



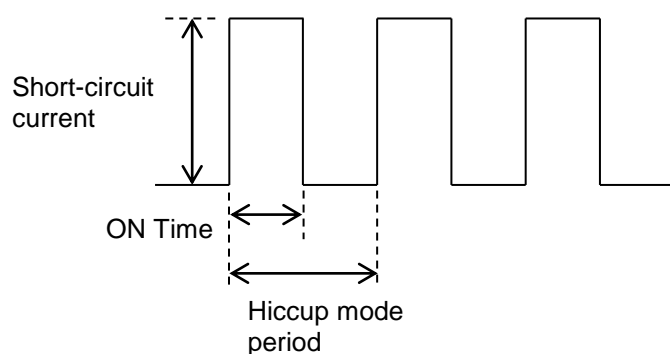
Input Voltage : 200V

Short-circuit
current : 10.8A

ON Time : 37ms

Hiccup mode
time : 661ms

Time
[200ms/div]



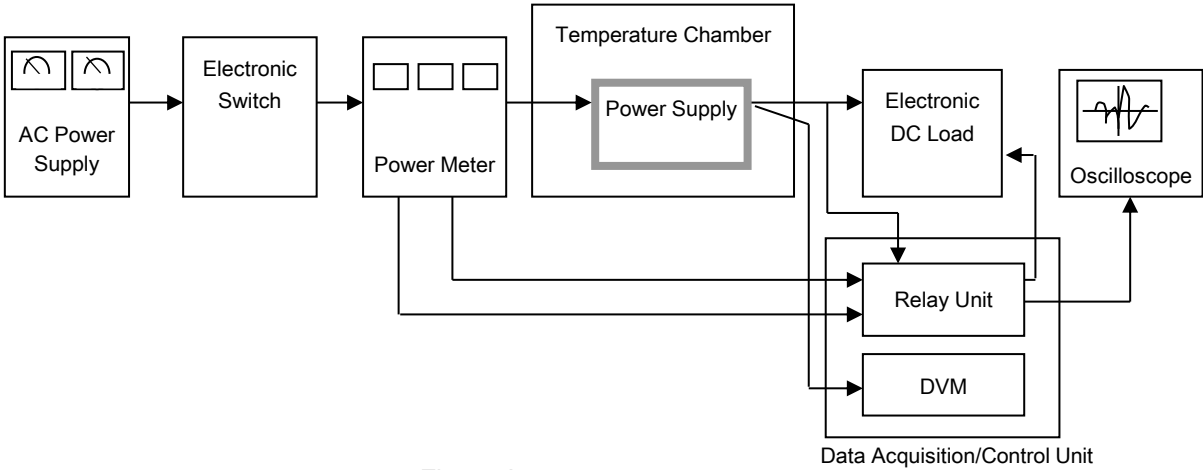


Figure A