参考資料

EXTRA TEST DATA OF PBA300F-48

Regulated DC Power Supply
Jun, 11, 2020

COSEL CO.,LTD.

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CONTENTS

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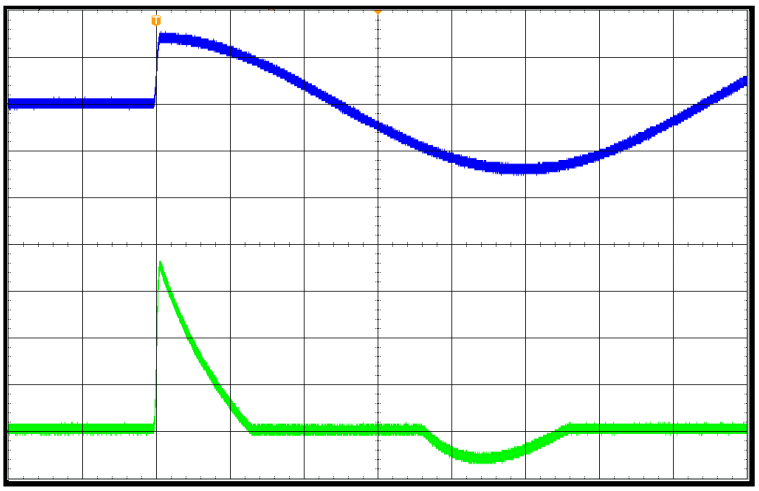
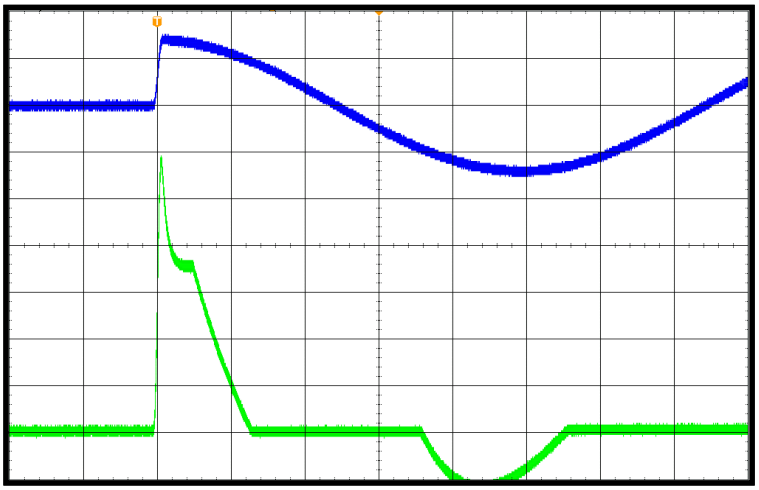
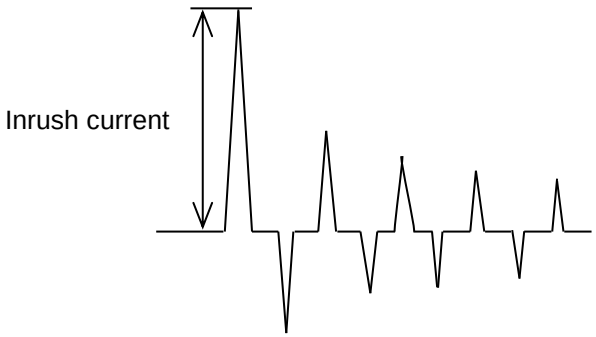
Model	PBA300F-48	
Item	Inrush Current (enlargement)	Temperature 25°C Testing Circuitry A
Object	————————	







BC-11577

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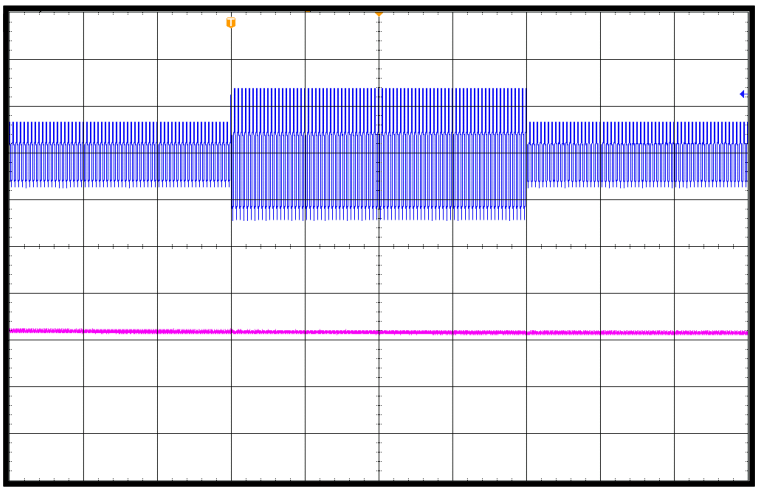
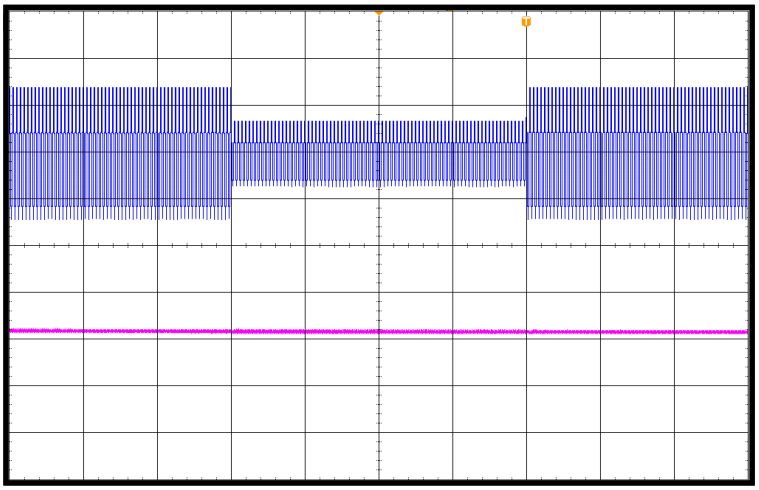
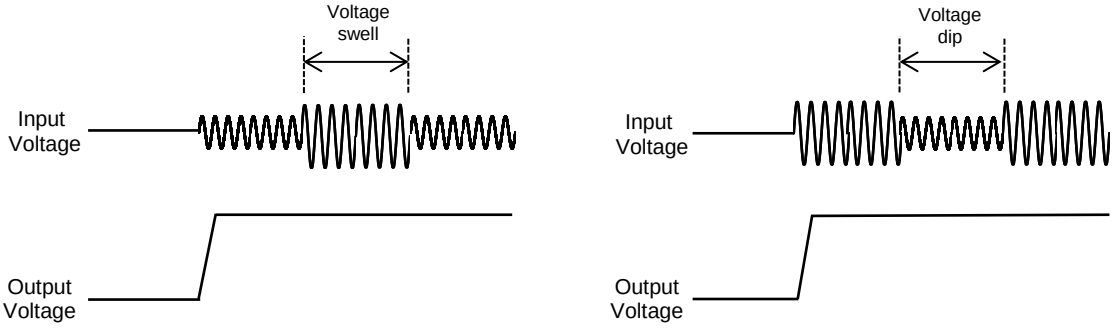
Model	PBA300F-48	
Item	Dynamic Line Regulation	Temperature 25°C Testing Circuitry A
Object	————————	







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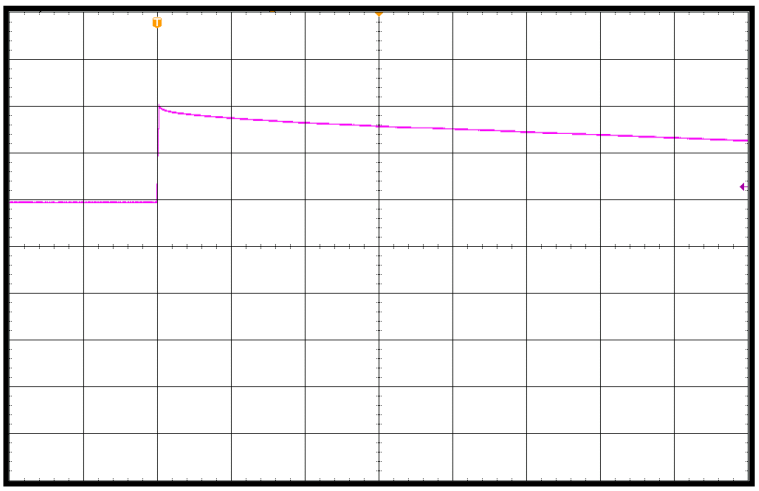
Model	PBA300F-48	
Item	Over Voltage Protection	Temperature 25°C Testing Circuitry A
Object	————————	Input Voltage ：100V

Output Voltage [10V/div]



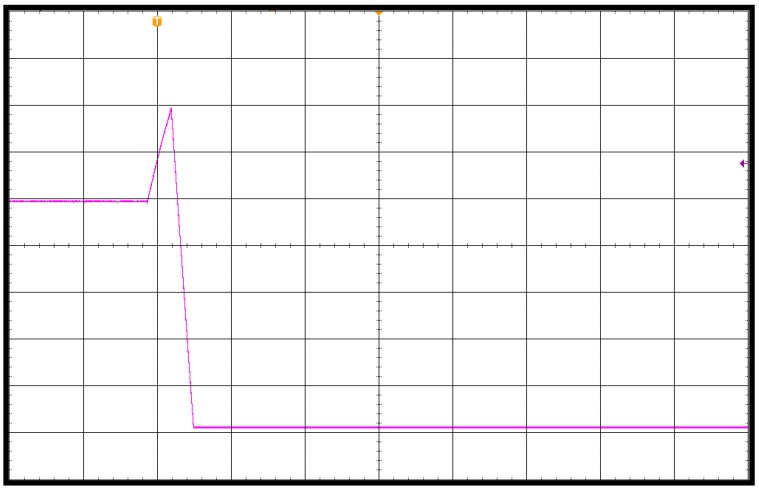
GND

Load ：0%

Overvoltage protection value：70.1V

Time [40ms/div]

Output Voltage [10V/div]

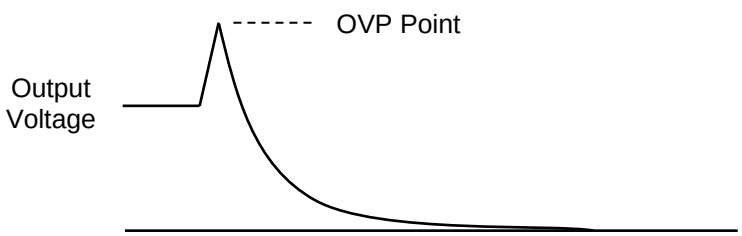


GND

Load ：100%

Overvoltage protection value：69.8V

Time [20ms/div]



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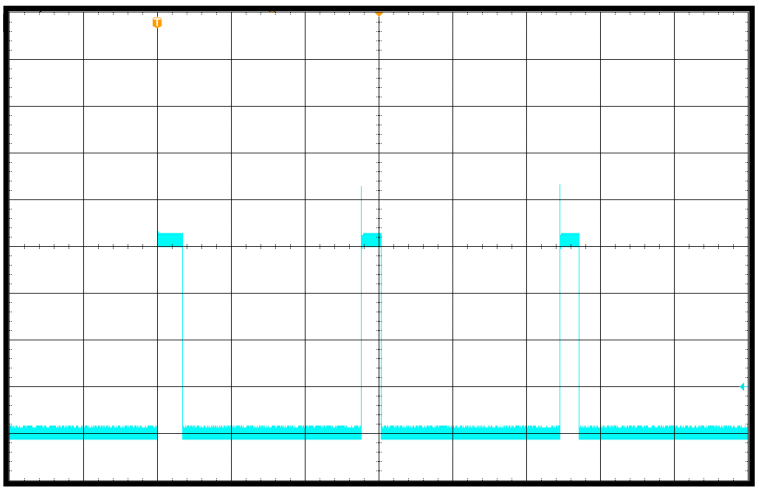
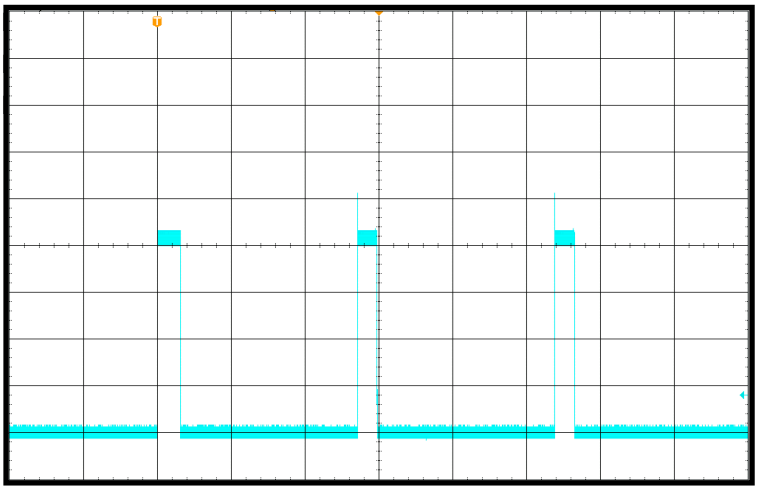
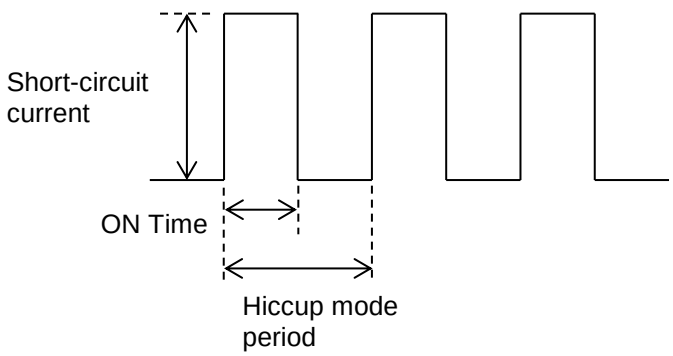
Model	PBA300F-48	
Item	Hiccup cycle (by Overcurrent Protection)	Temperature 25°C Testing Circuitry A
Object	――――――――	Load : Short







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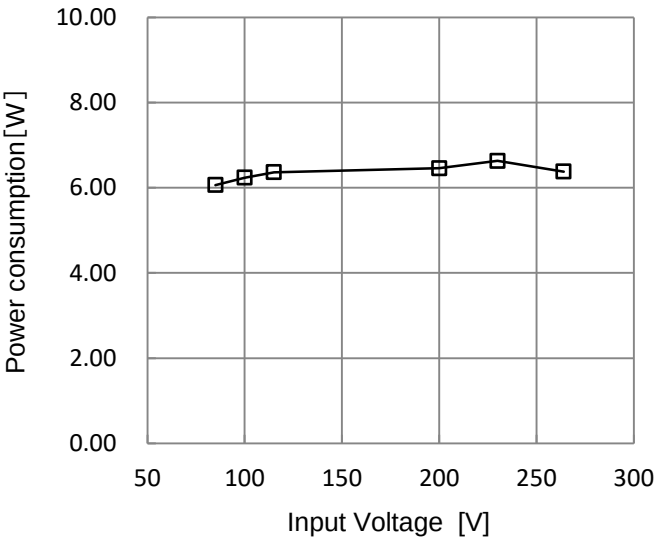
Model	PBA300F-48
Item	Input voltage - Power consumption
Object	――――――――

Temperature 25°C
Testing Circuitry -

Load :0%

1.Graph



Reducing standby power is possible by OFF signal of the remote control.

2.Values

Input voltage [V]	Power consumption [W]
85	6.06
100	6.24
115	6.37
200	6.46
230	6.63
264	6.38

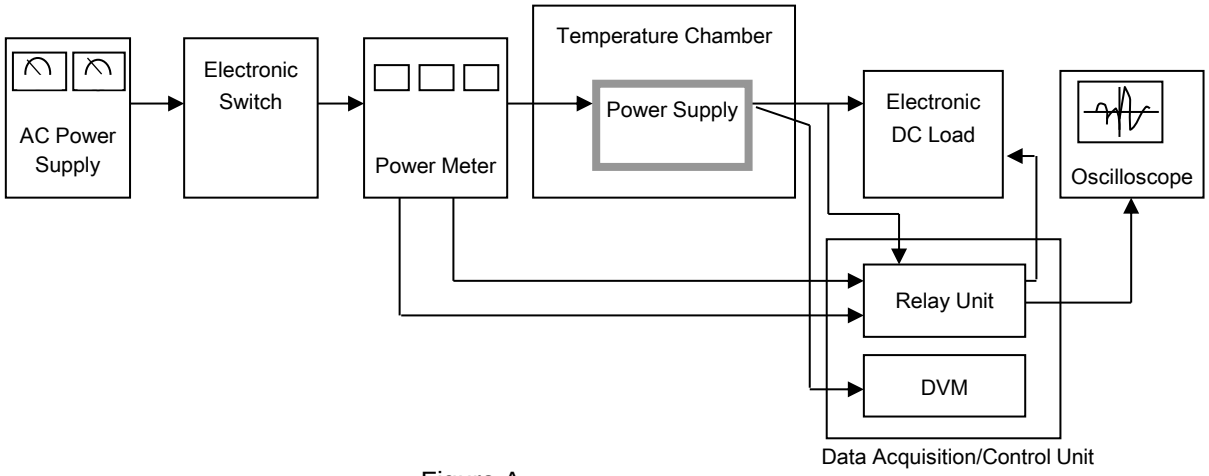

AC Power Supply
Electronic Switch
Power Meter
Temperature Chamber
Power Supply
Electronic DC Load
Oscilloscope
Relay Unit
DVM
Data Acquisition/Control Unit

Figure A