



## ***EXTRA TEST DATA OF PLA30F-12***

*Regulated DC Power Supply  
Jul 20, 2021*

**COSEL CO.,LTD.**

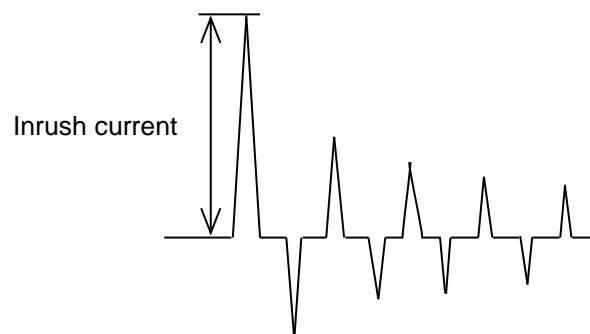
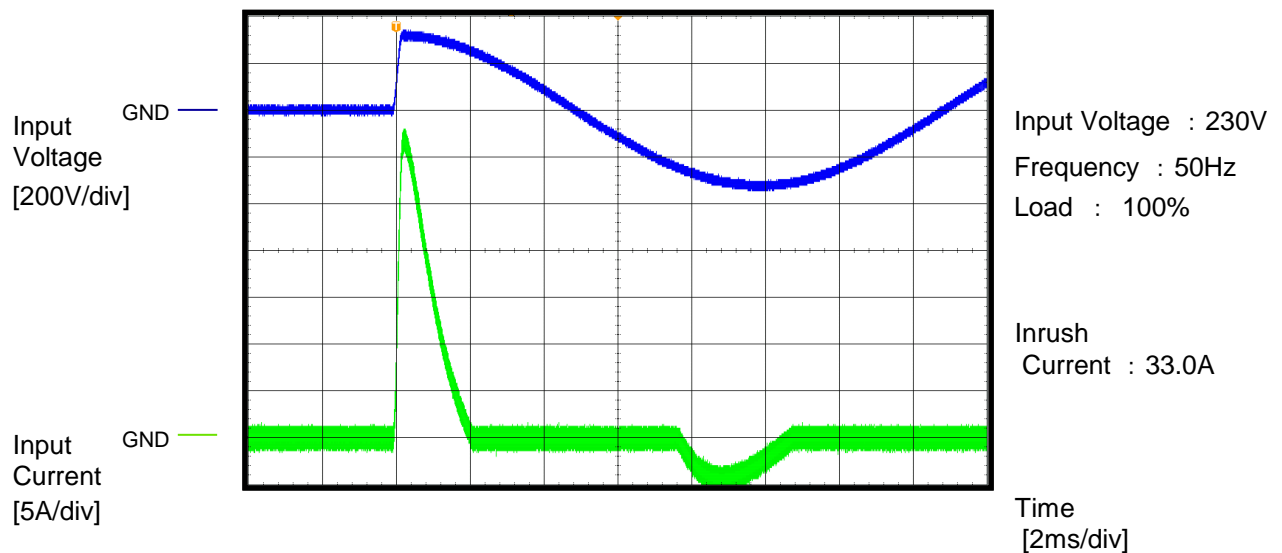
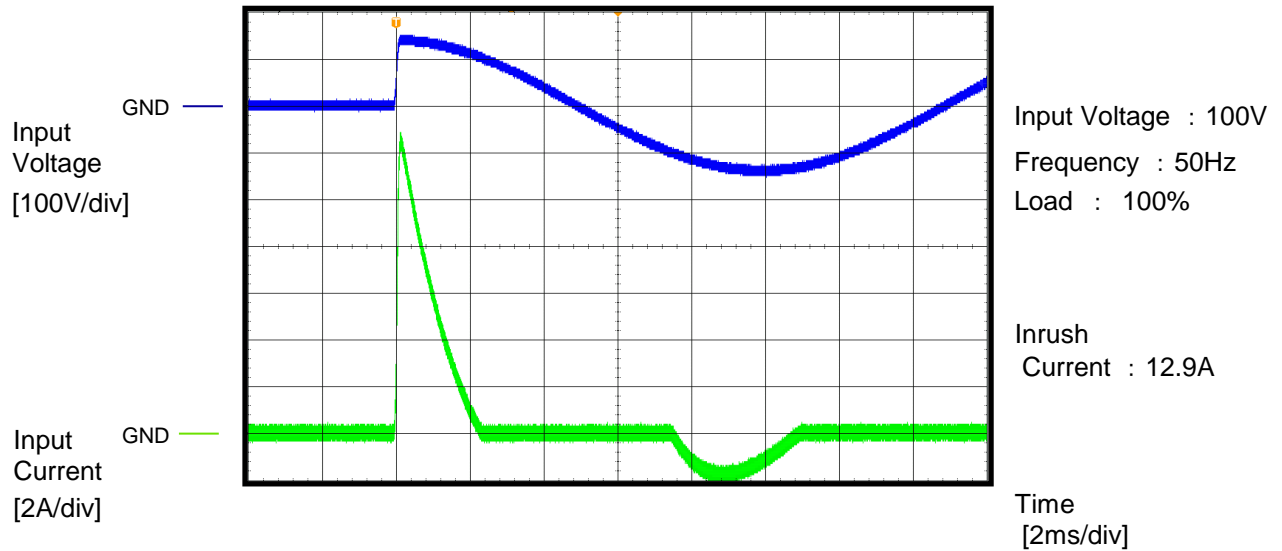
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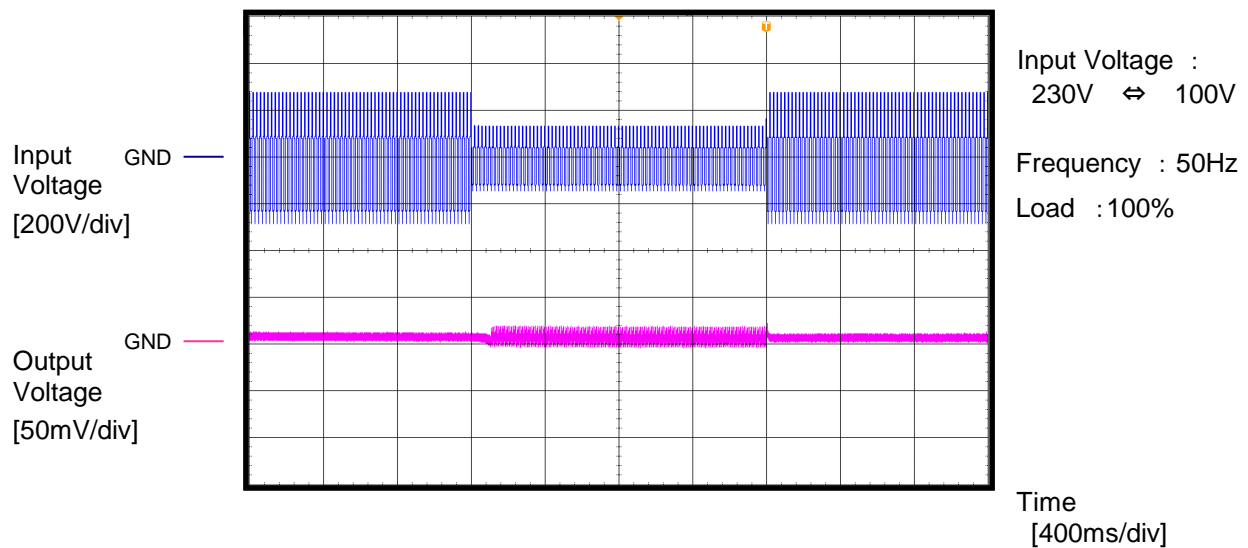
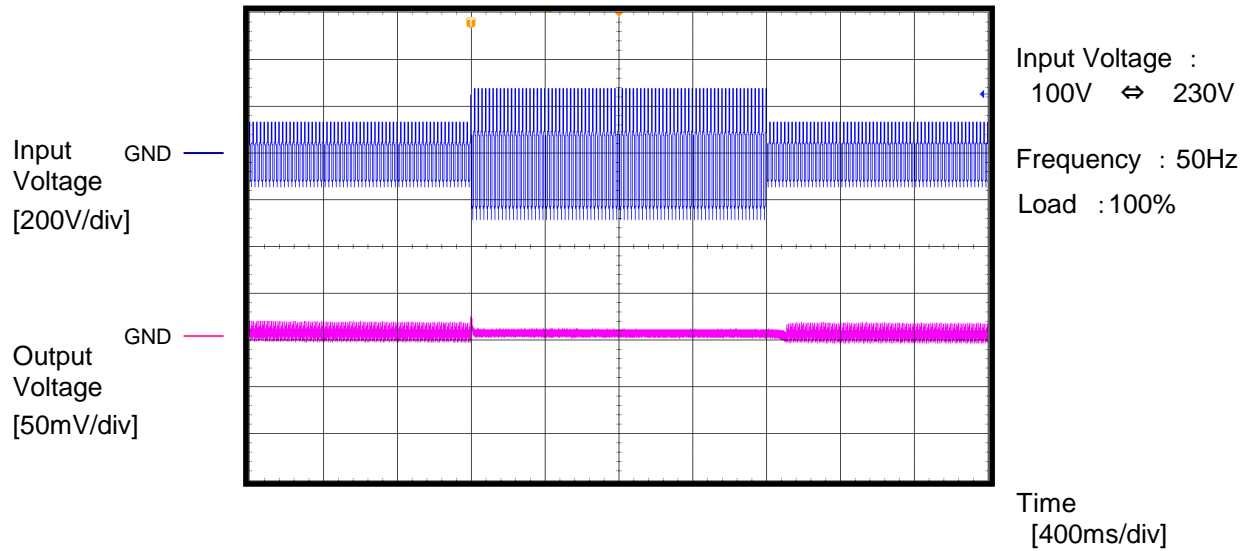
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Model	PLA30F-12	Temperature	25°C
Item	Inrush Current (enlargement)	Testing Circuitry	A
Object	_____		



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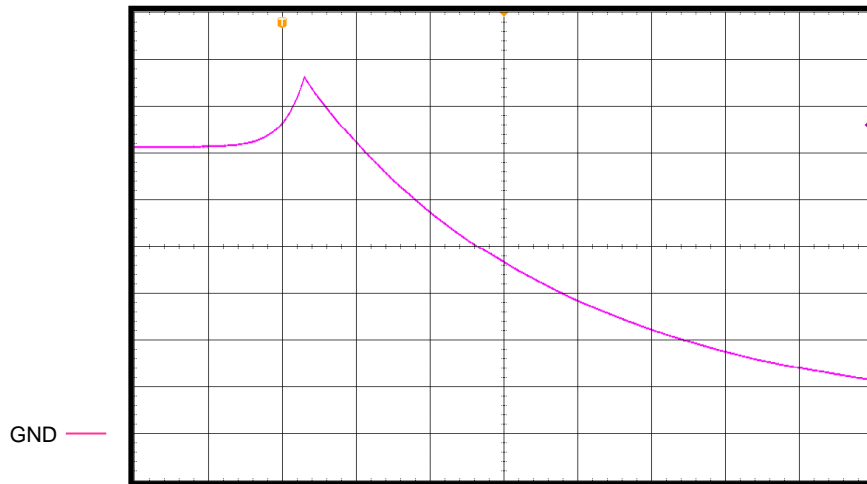
Model	PLA30F-12	Temperature 25°C Testing Circuitry A
Item	Dynamic Line Regulation	
Object	_____	



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Model	PLA30F-12	Temperature	25°C
Item	Over Voltage Protection	Testing Circuitry	A
Object	_____	Input Voltage : 100V	

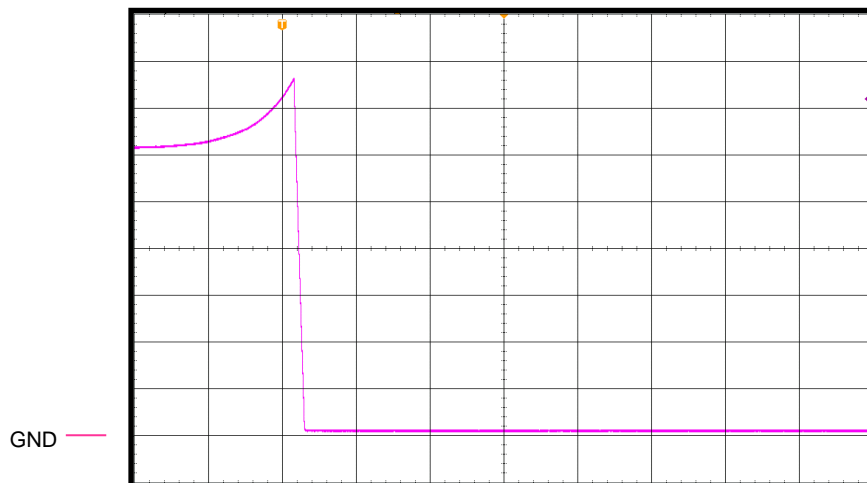
Output  
Voltage  
[2V/div]



Load : 0%  
Overvoltage protection  
value : 15.3V

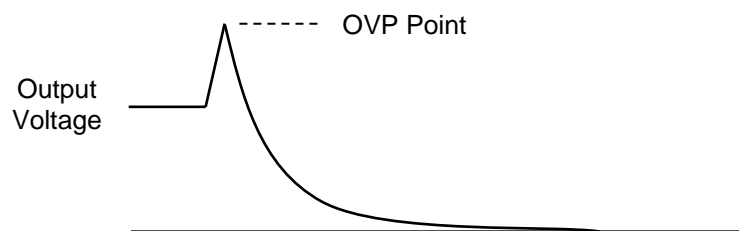
Time  
[40ms/div]

Output  
Voltage  
[2V/div]



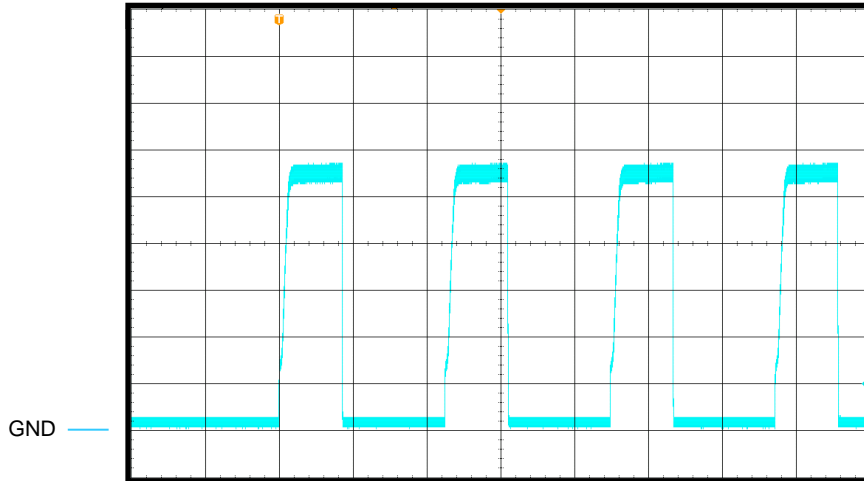
Load : 100%  
Overvoltage protection  
value : 15.3V

Time  
[20ms/div]



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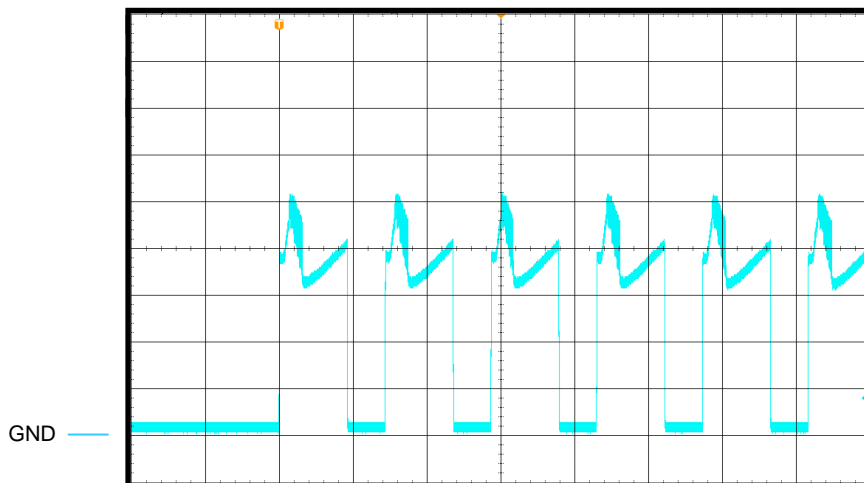
Model	PLA30F-12	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object	_____	Load	: Short

Output  
Current  
[1A/div]

Input Voltage : 100V

Short-circuit  
current : 5.7A

ON Time : 32ms

Short circuit  
period : 90msTime  
[40ms/div]Output  
Current  
[1A/div]

Input Voltage : 230V

Short-circuit  
current : 5.2A

ON Time : 37ms

Short circuit  
period : 57msTime  
[40ms/div]