



## ***EXTRA TEST DATA OF PBA50F-12***

*Regulated DC Power Supply  
Jun, 30, 2020*

**COSEL CO.,LTD.**



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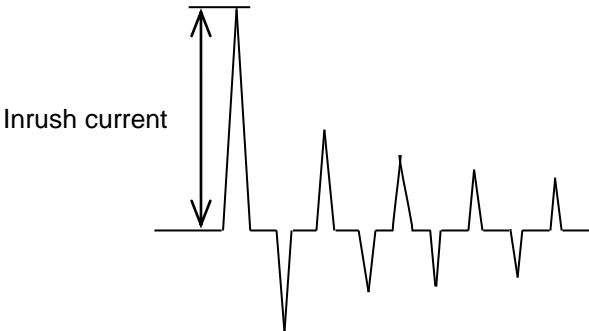
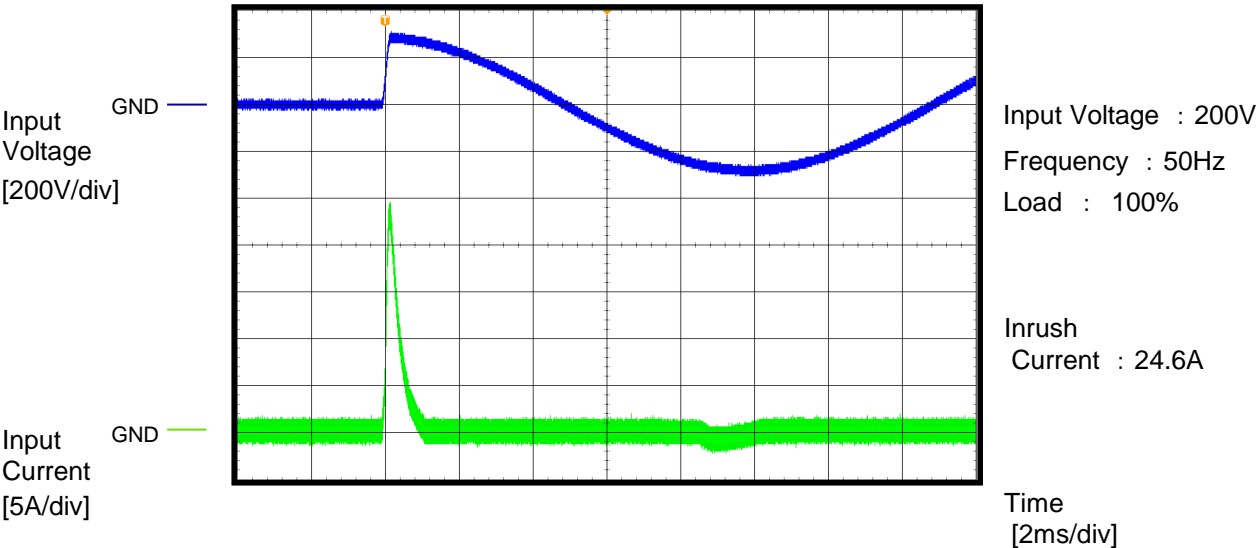
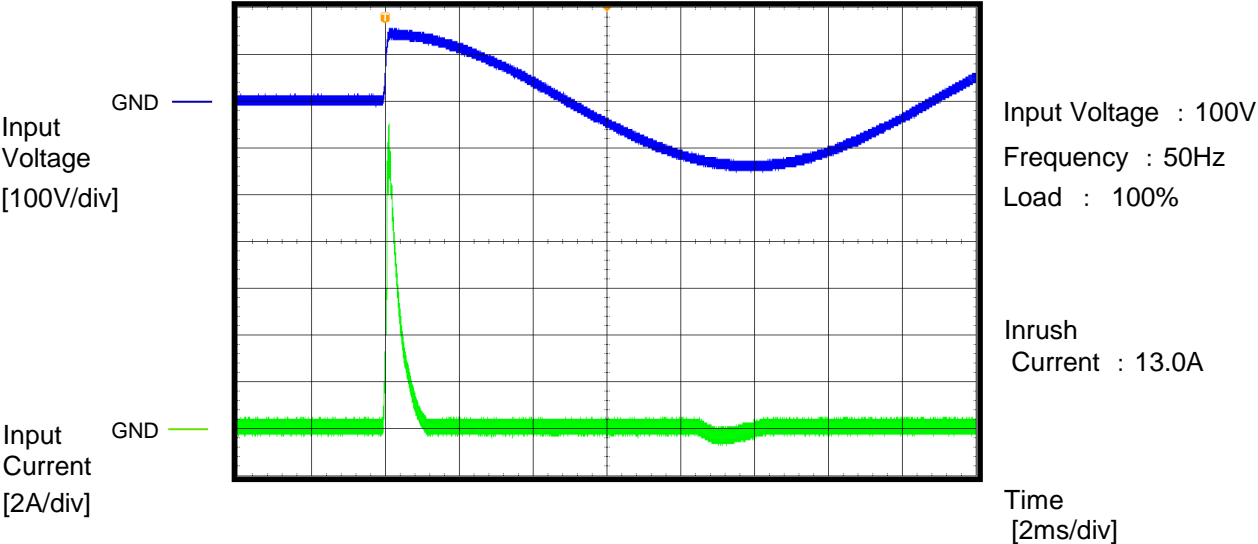
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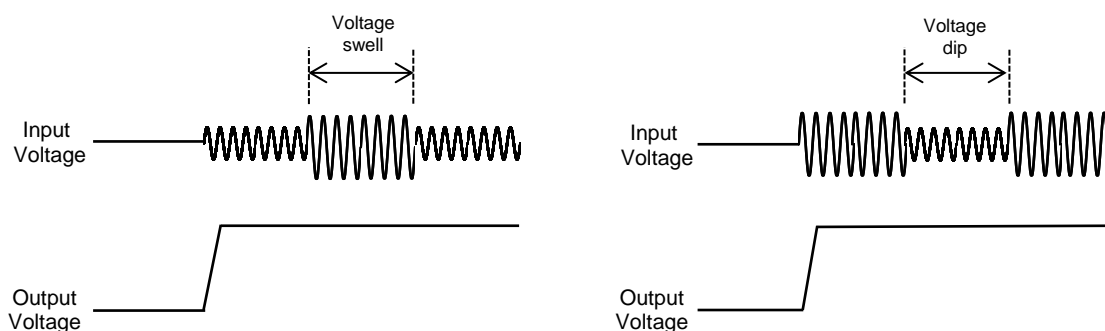
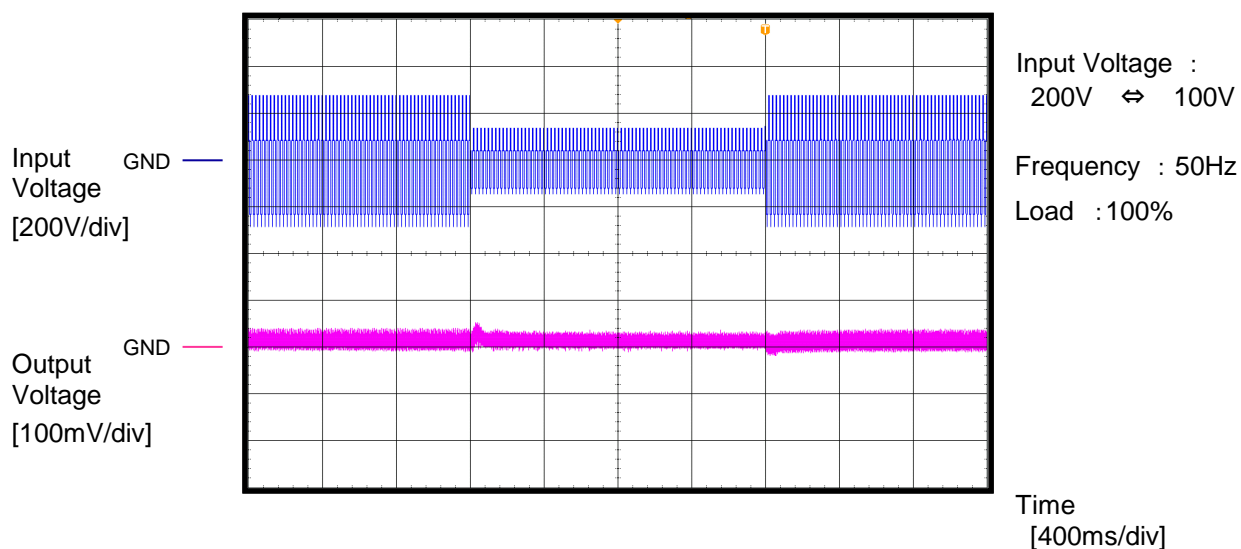
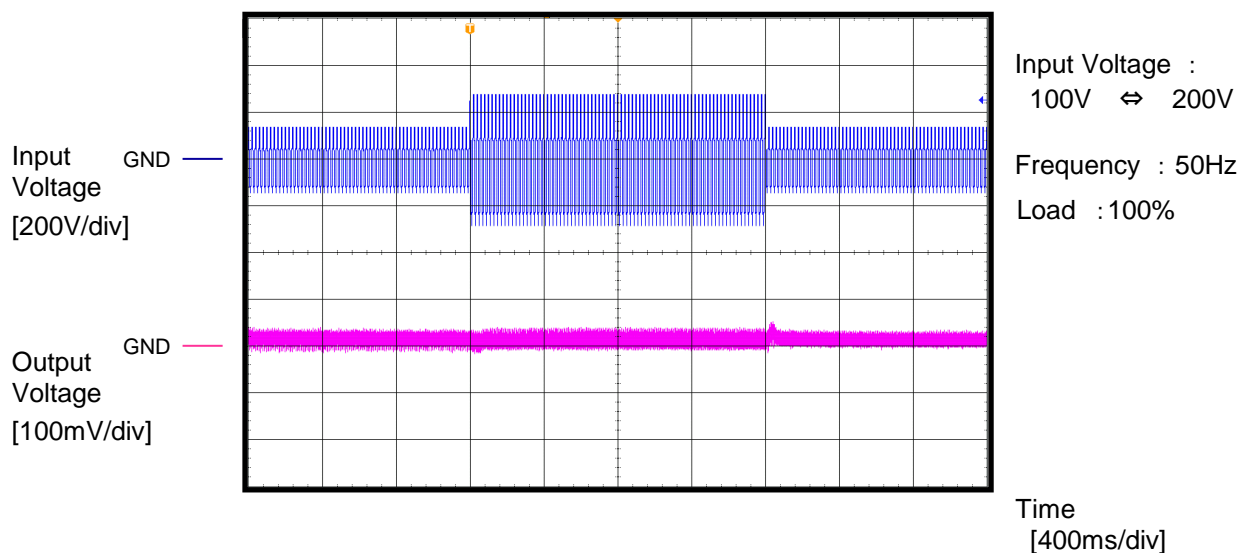
(Final Page 6)



Model	PBA50F-12		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A

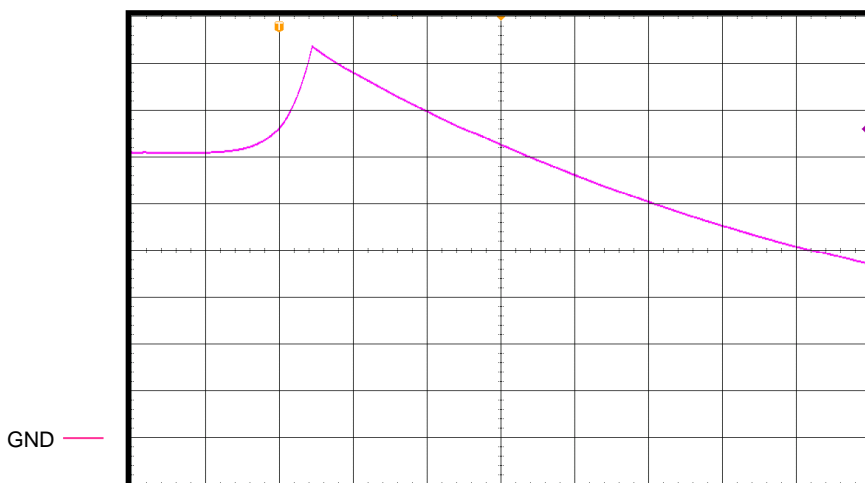


Model	PBA50F-12	Temperature	25°C
Item	Dynamic Line Regulation	Testing Circuitry	A
Object	_____		



Model	PBA50F-12	Temperature	25°C
Item	Over Voltage Protection	Testing Circuitry	A
Object		Input Voltage : 100V	

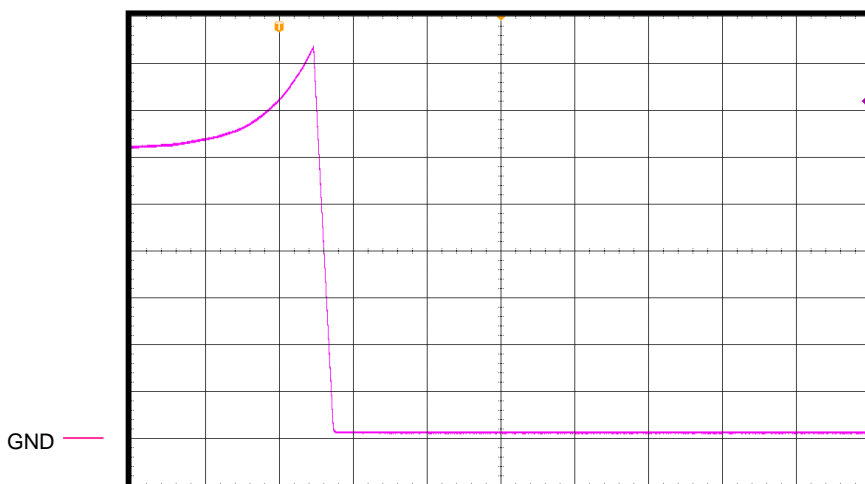
Output Voltage  
[2V/div]



Load : 0%  
Overvoltage protection  
value : 16.8V

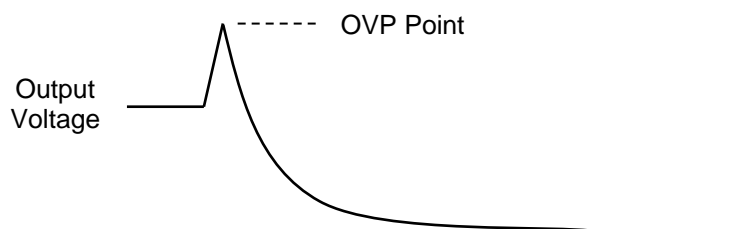
Time  
[40ms/div]

Output Voltage  
[2V/div]



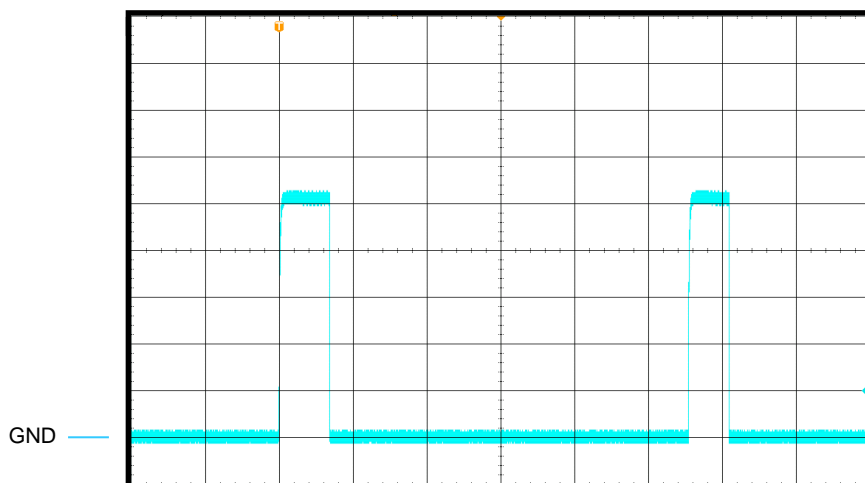
Load : 100%  
Overvoltage protection  
value : 16.7V

Time  
[20ms/div]



Model	PBA50F-12	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object		Load	: Short

Output Current  
[1A/div]



Input Voltage : 100V

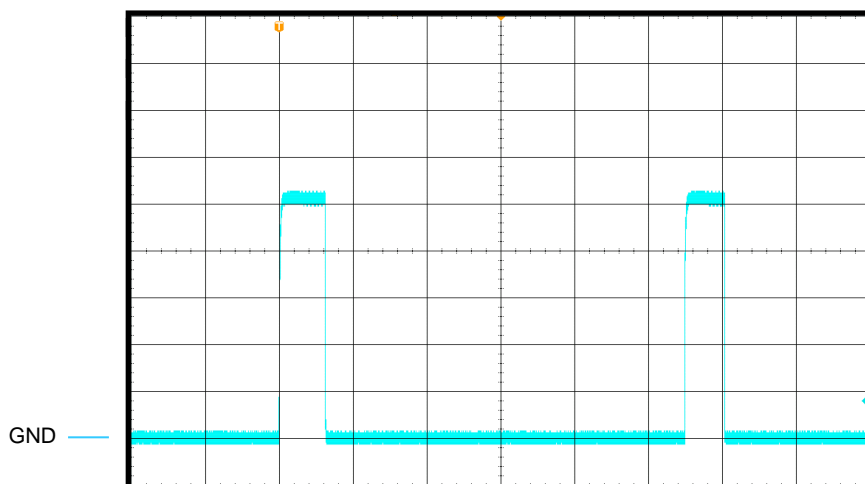
Short-circuit  
current : 5.3A

ON Time : 136ms

Hiccup mode  
time : 1109ms

Time  
[200ms/div]

Output Current  
[1A/div]



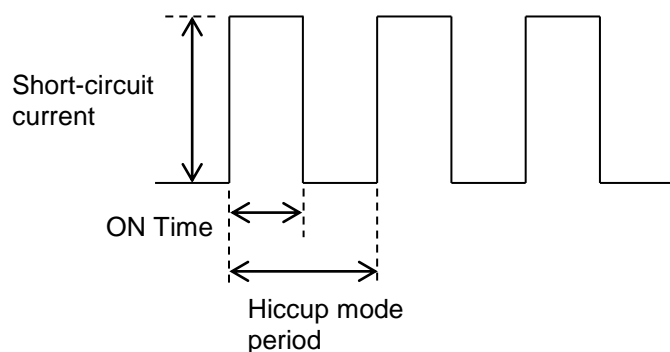
Input Voltage : 200V

Short-circuit  
current : 5.3A

ON Time : 125ms

Hiccup mode  
time : 1098ms

Time  
[200ms/div]





Model	PBA50F-12																
Item	Input voltage - Power consumption	Temperature	25°C														
Object	_____	Testing Circuitry	-														
1.Graph		Load :0%															
<div>Power consumption[W]</div> <table><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr><tr><td>85</td><td>1.58</td></tr><tr><td>100</td><td>1.67</td></tr><tr><td>115</td><td>1.70</td></tr><tr><td>200</td><td>1.32</td></tr><tr><td>230</td><td>1.40</td></tr><tr><td>264</td><td>2.06</td></tr></table> <div>Input Voltage [V]</div>		Input voltage [V]	Power consumption [W]	85	1.58	100	1.67	115	1.70	200	1.32	230	1.40	264	2.06	2.Values	
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264	2.06																
Reducing standby power is possible by OFF signal of the remote control.																	

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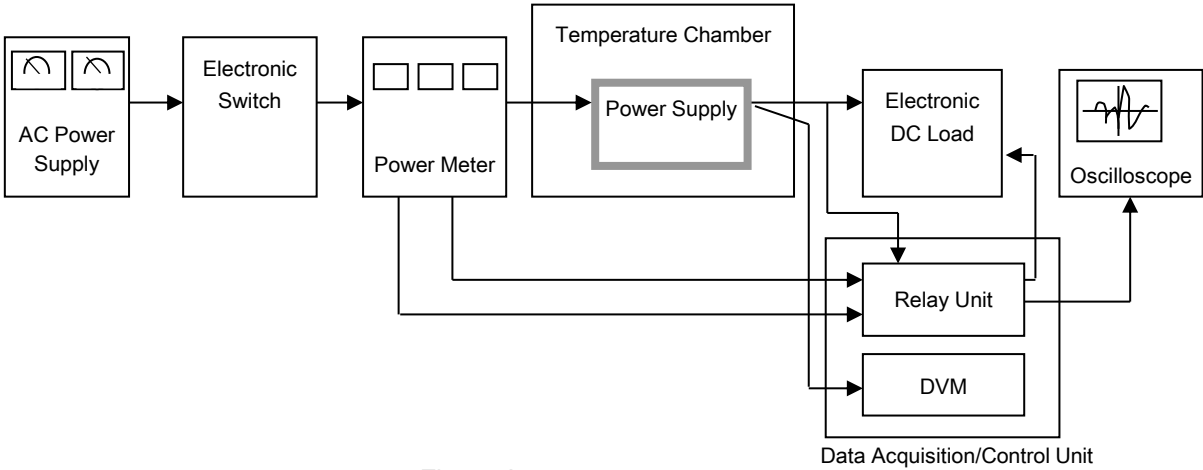


Figure A