



## ***EXTRA TEST DATA OF PBA50F-5***

*Regulated DC Power Supply  
Jun, 30, 2020*

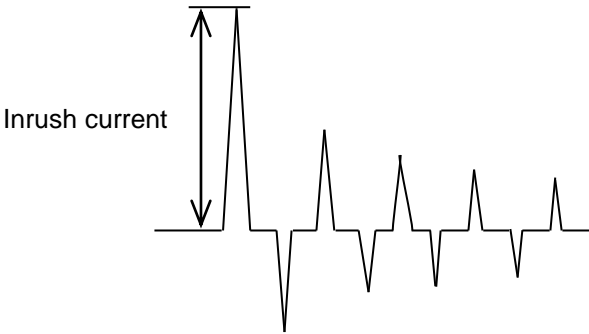
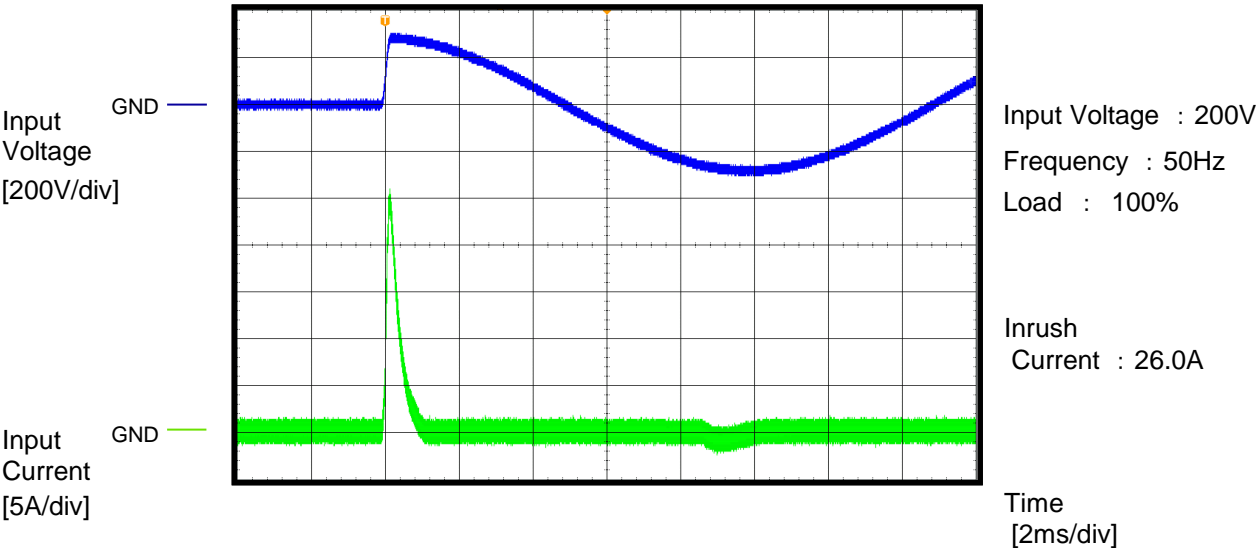
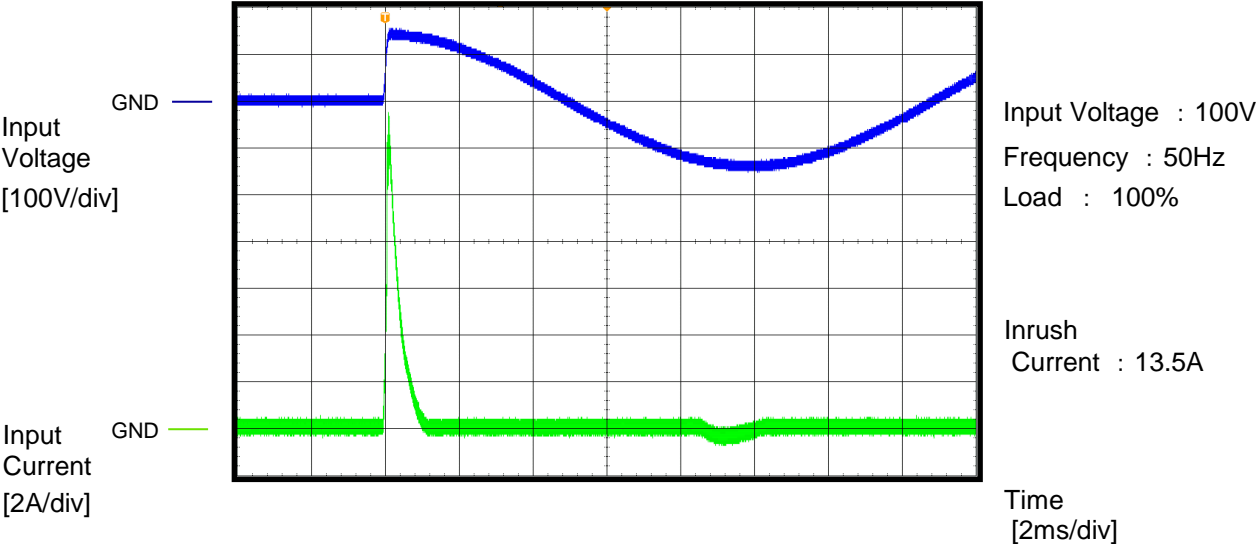
**COSEL CO.,LTD.**

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Model	PBA50F-5		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A

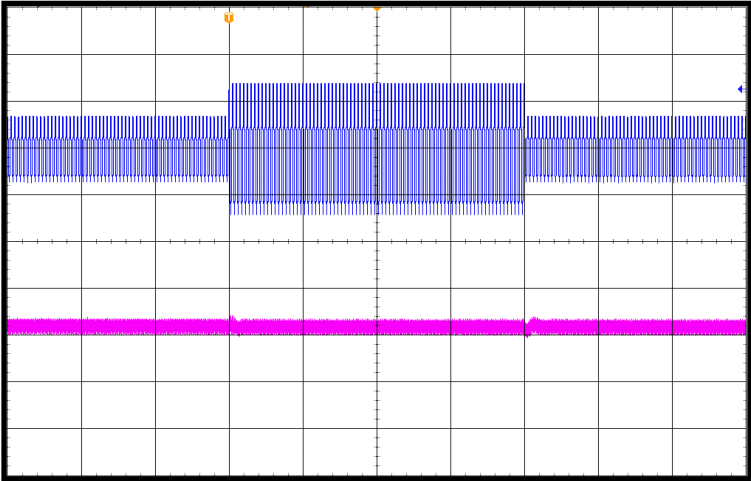




Model		PBA50F-5	Temperature     25°C Testing Circuitry   A
Item		Dynamic Line Regulation	
Object		_____	

Input Voltage  
[200V/div]

Output Voltage  
[50mV/div]

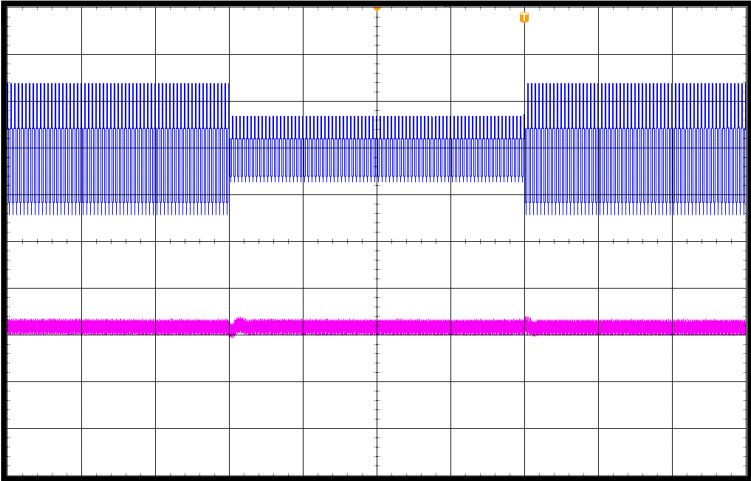


Input Voltage :  
100V ⇔ 200V  
Frequency : 50Hz  
Load : 100%

Time  
[400ms/div]

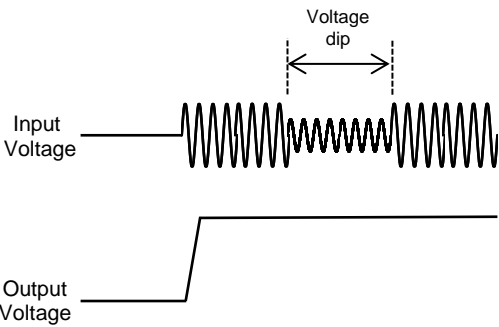
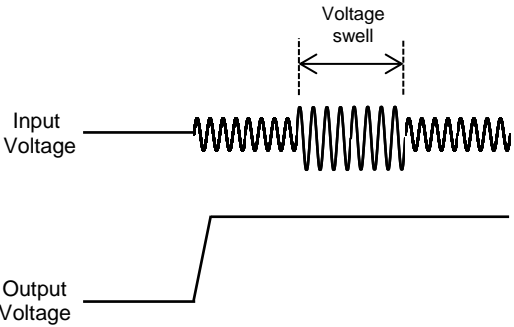
Input Voltage  
[200V/div]

Output Voltage  
[50mV/div]



Input Voltage :  
200V ⇔ 100V  
Frequency : 50Hz  
Load : 100%

Time  
[400ms/div]

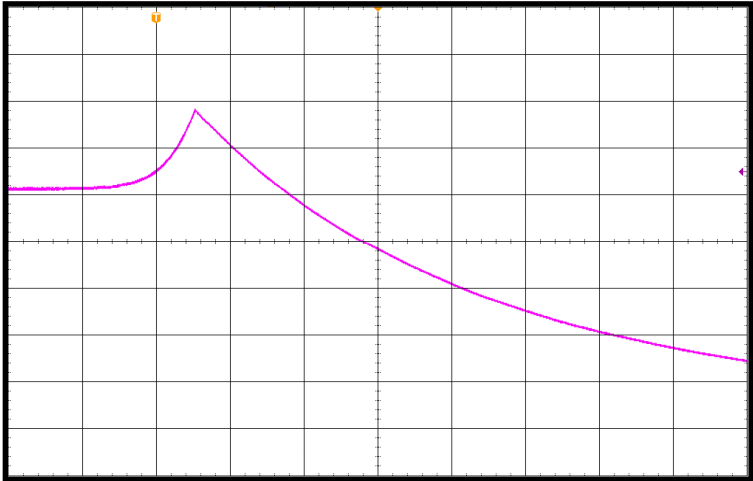




Model	PBA50F-5		
Item	Over Voltage Protection	Temperature	25°C
		Testing Circuitry	A
Object		Input Voltage : 100V	

Output Voltage  
[1V/div]

GND

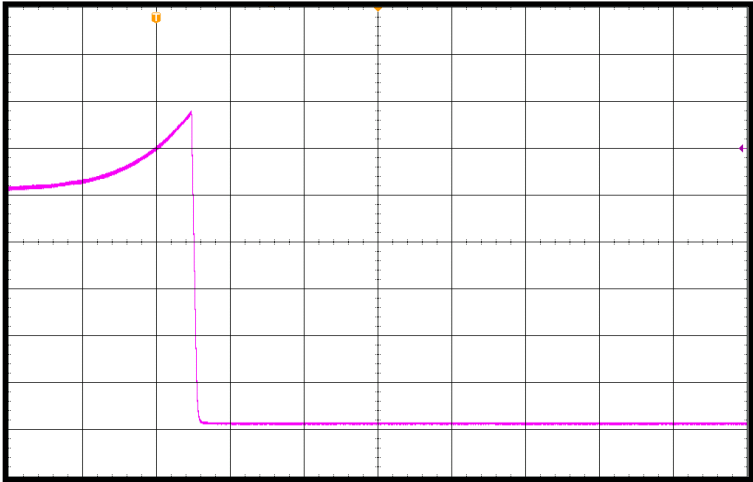


Load :0%  
Overvoltage protection  
value : 6.8V

Time  
[40ms/div]

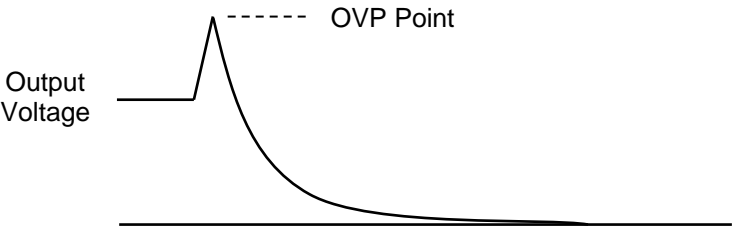
Output Voltage  
[1V/div]

GND



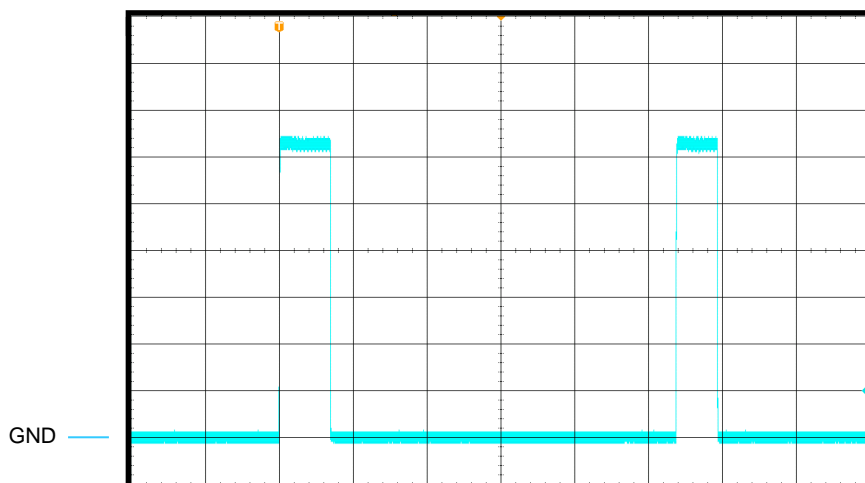
Load :100%  
Overvoltage protection  
value : 6.8V

Time  
[20ms/div]



Model	PBA50F-5	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object		Load	: Short

Output Current  
[2A/div]



Input Voltage : 100V

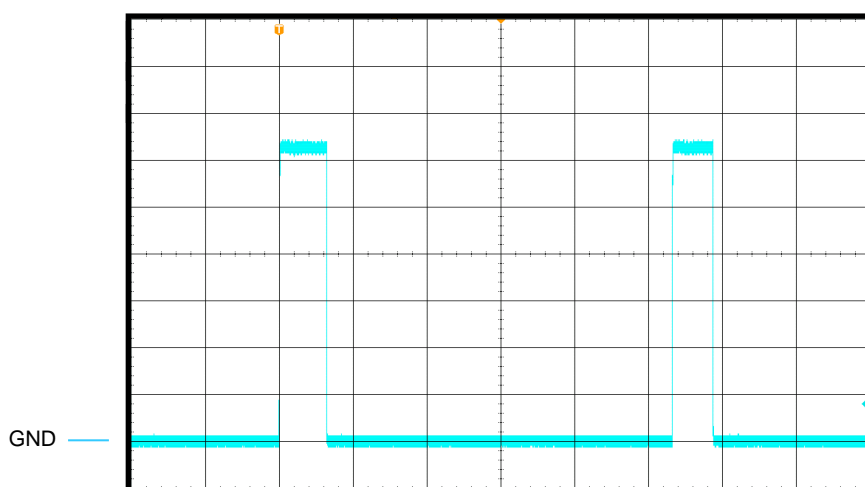
Short-circuit  
current : 12.9A

ON Time : 138ms

Hiccup mode  
time : 1075ms

Time  
[200ms/div]

Output Current  
[2A/div]



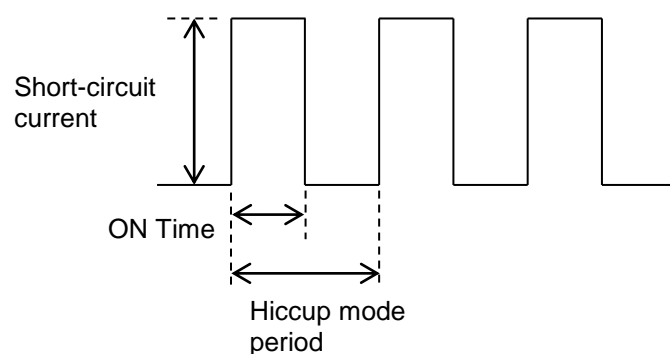
Input Voltage : 200V

Short-circuit  
current : 12.9A

ON Time : 128ms

Hiccup mode  
time : 1064ms

Time  
[200ms/div]





Model	PBA50F-5																
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>1.53</td></tr><tr><td>100</td><td>1.59</td></tr><tr><td>115</td><td>1.61</td></tr><tr><td>200</td><td>1.23</td></tr><tr><td>230</td><td>1.35</td></tr><tr><td>264</td><td>1.76</td></tr></table> <div>Input Voltage [V]</div>		Input voltage [V]	Power consumption [W]	85	1.53	100	1.59	115	1.61	200	1.23	230	1.35	264	1.76	2.Values	
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Reducing standby power is possible by OFF signal of the remote control.																	

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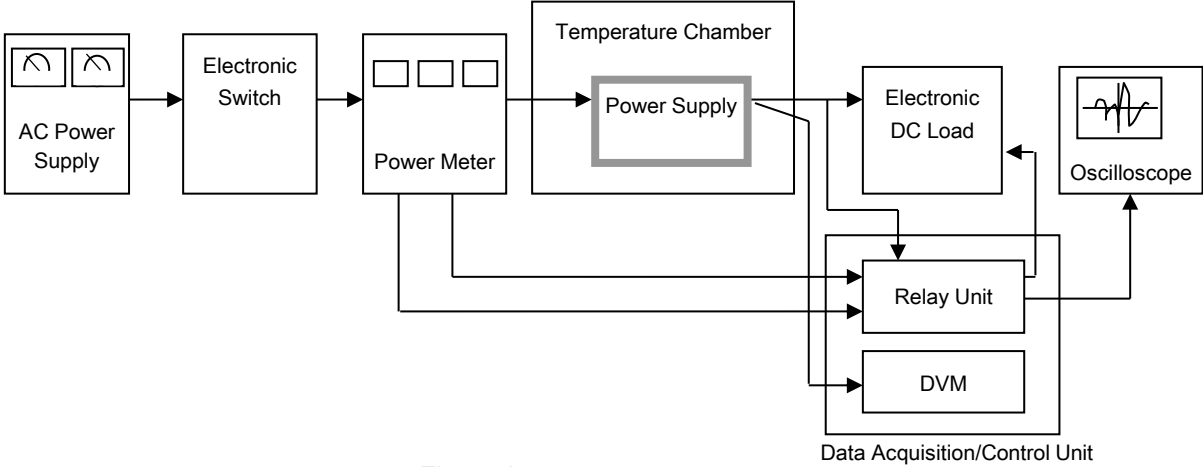


Figure A