



## ***EXTRA TEST DATA OF PBA50F-9***

*Regulated DC Power Supply  
Jun, 30, 2020*

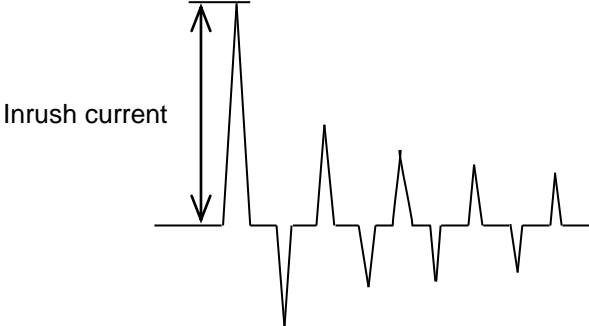
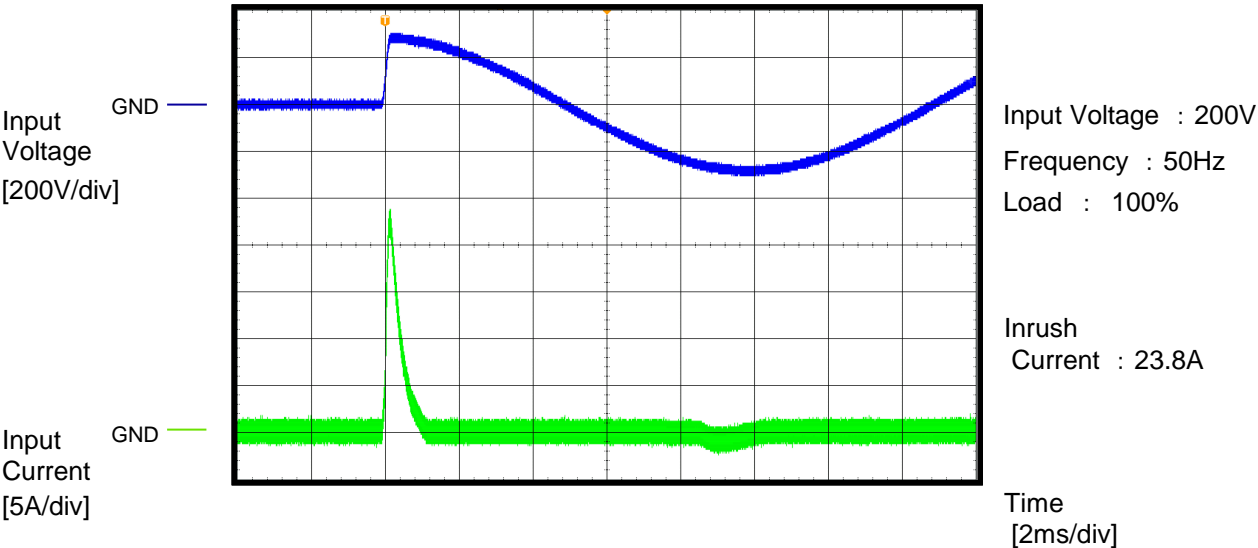
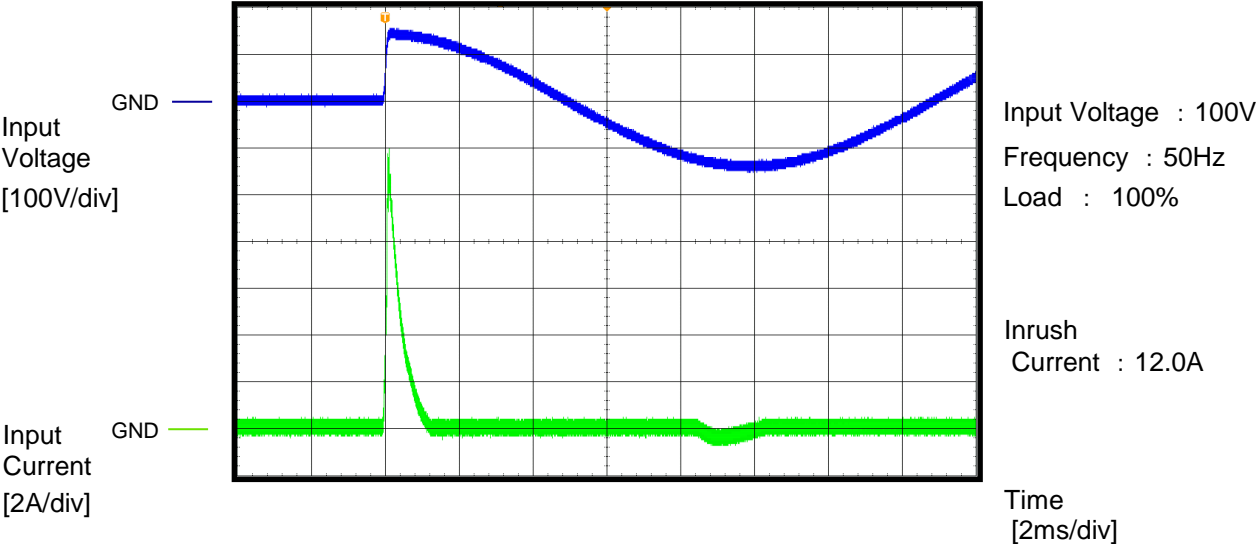
**COSEL CO.,LTD.**

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Model	PBA50F-9		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A

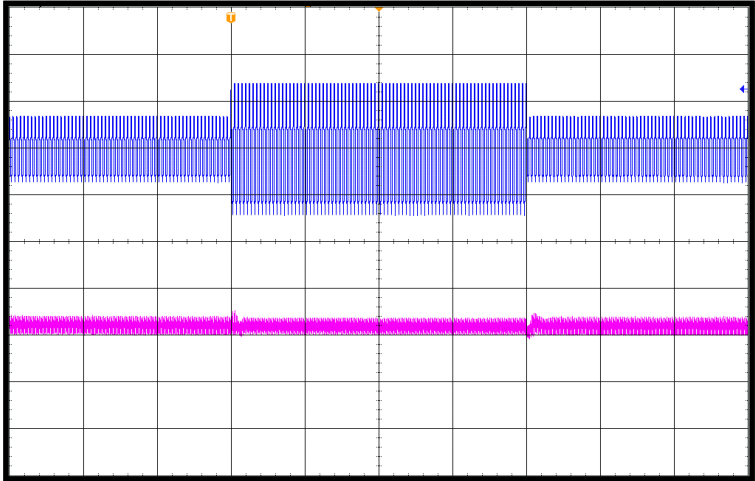




Model		PBA50F-9	Temperature 25°C Testing Circuitry A
Item		Dynamic Line Regulation	
Object			

Input Voltage  
[200V/div]

Output Voltage  
[50mV/div]

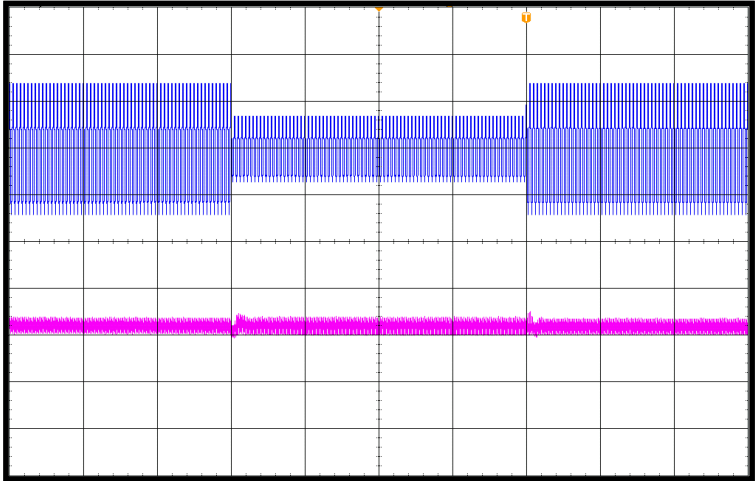


Input Voltage :  
100V ⇔ 200V  
Frequency : 50Hz  
Load : 100%

Time  
[400ms/div]

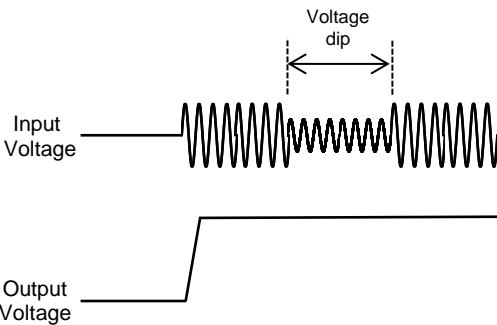
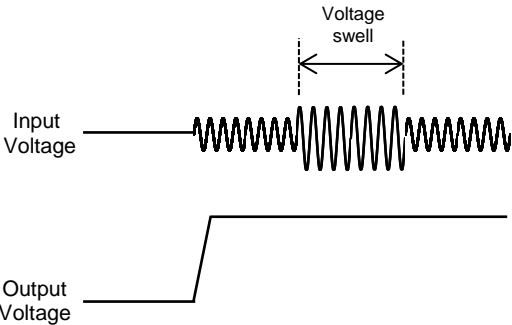
Input Voltage  
[200V/div]

Output Voltage  
[50mV/div]



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

Time  
[400ms/div]

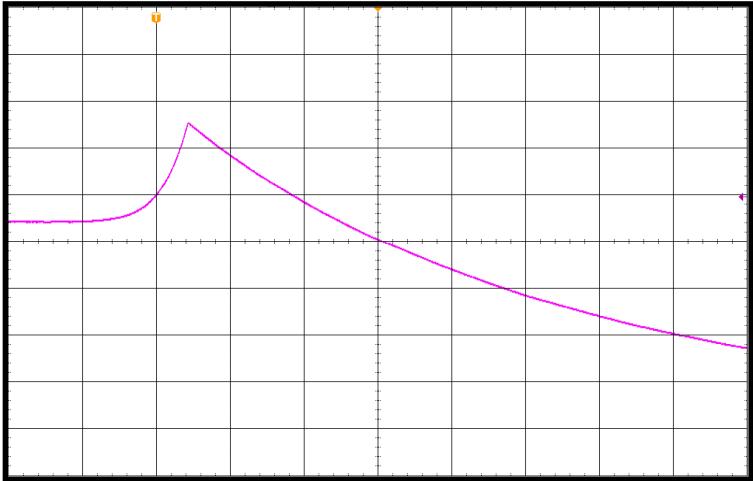




Model	PBA50F-9	Temperature	25°C
Item	Over Voltage Protection	Testing Circuitry	A
Object		Input Voltage : 100V	

Output Voltage  
[2V/div]

GND

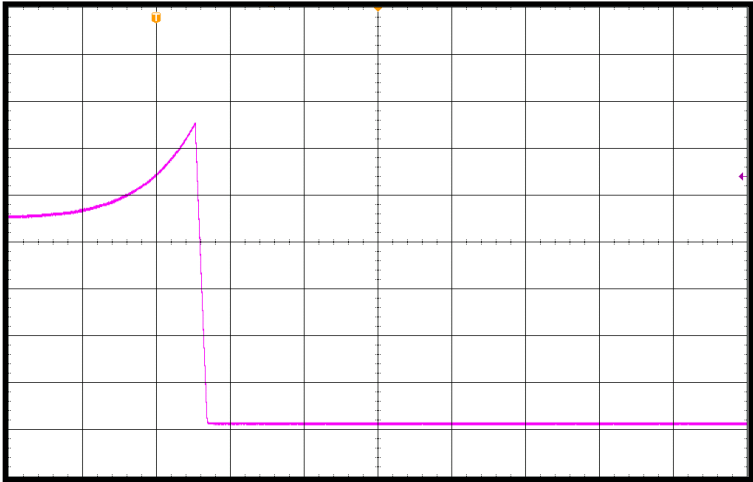


Load : 0%  
Overvoltage protection  
value : 13.1V

Time  
[40ms/div]

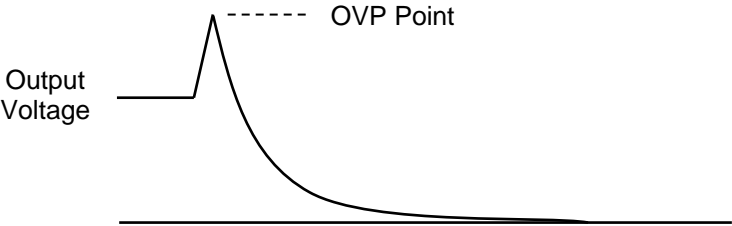
Output Voltage  
[2V/div]

GND



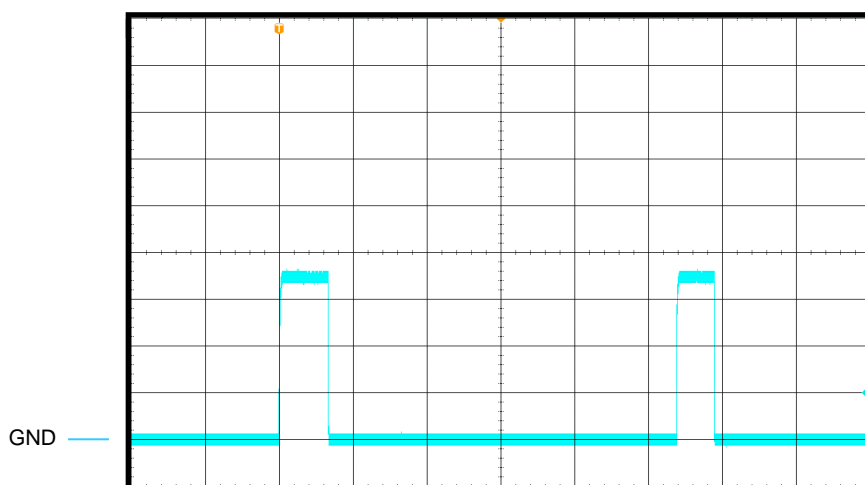
Load : 100%  
Overvoltage protection  
value : 13.1V

Time  
[20ms/div]



Model	PBA50F-9	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object		Load	: Short

Output Current  
[2A/div]



Input Voltage : 100V

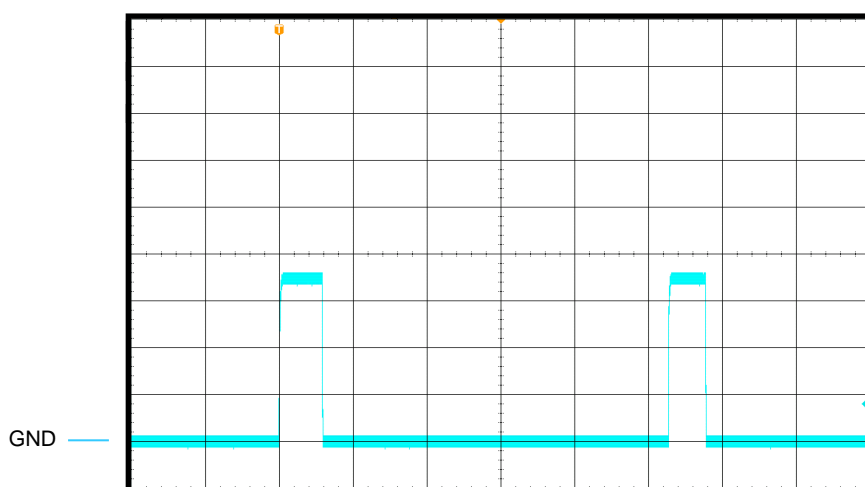
Short-circuit current : 7.3A

ON Time : 133ms

Hiccup mode time : 1076ms

Time  
[200ms/div]

Output Current  
[2A/div]



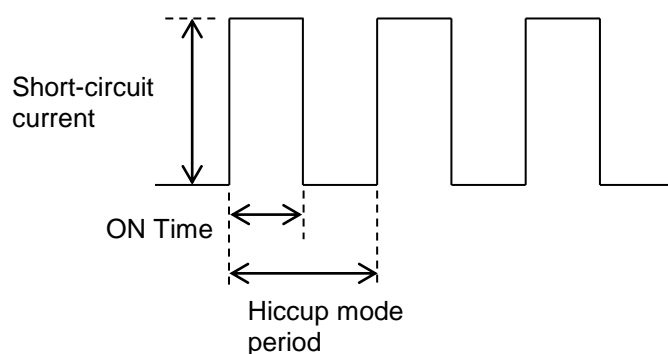
Input Voltage : 200V

Short-circuit current : 7.2A

ON Time : 117ms

Hiccup mode time : 1054ms

Time  
[200ms/div]





Model	PBA50F-9																
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>1.50</td></tr><tr><td>100</td><td>1.61</td></tr><tr><td>115</td><td>1.70</td></tr><tr><td>200</td><td>1.26</td></tr><tr><td>230</td><td>1.44</td></tr><tr><td>264</td><td>2.19</td></tr></table> <div>Input Voltage [V]</div>		Input voltage [V]	Power consumption [W]	85	1.50	100	1.61	115	1.70	200	1.26	230	1.44	264	2.19	2.Values	
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Reducing standby power is possible by OFF signal of the remote control.																	

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BC-11540

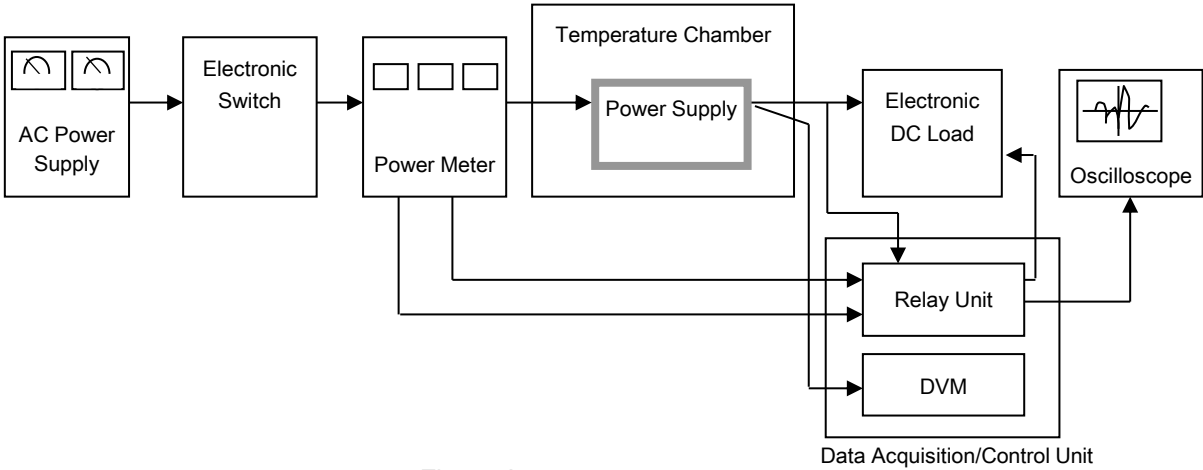


Figure A