



EXTRA TEST DATA OF PBA50F-3R3

*Regulated DC Power Supply
Jun, 30, 2020*

COSEL CO.,LTD.



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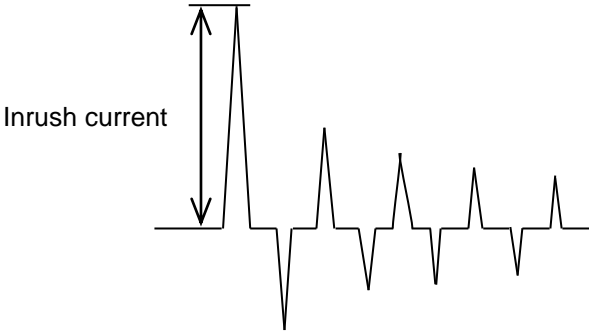
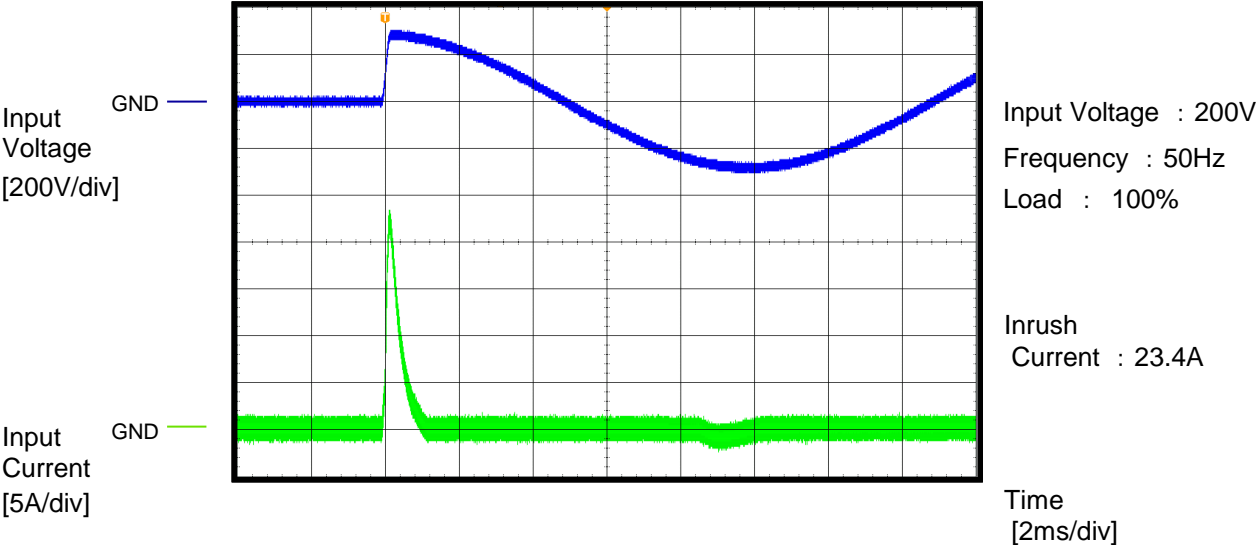
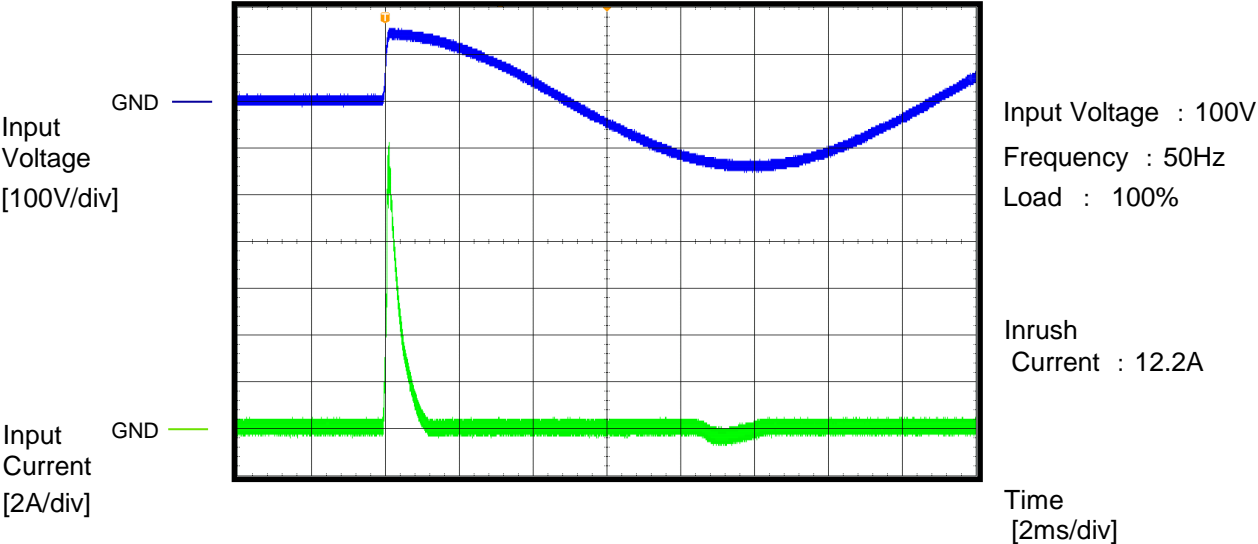
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Model	PBA50F-3R3		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A

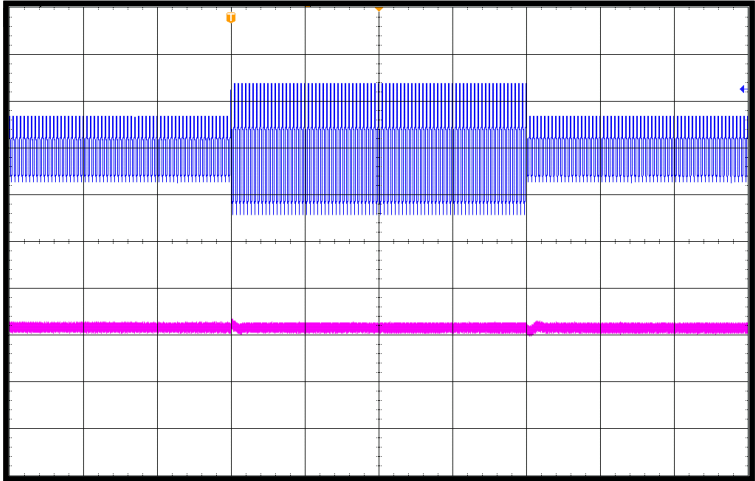




Model		PBA50F-3R3	Temperature 25°C Testing Circuitry A
Item		Dynamic Line Regulation	
Object			

Input Voltage
[200V/div]

Output Voltage
[50mV/div]

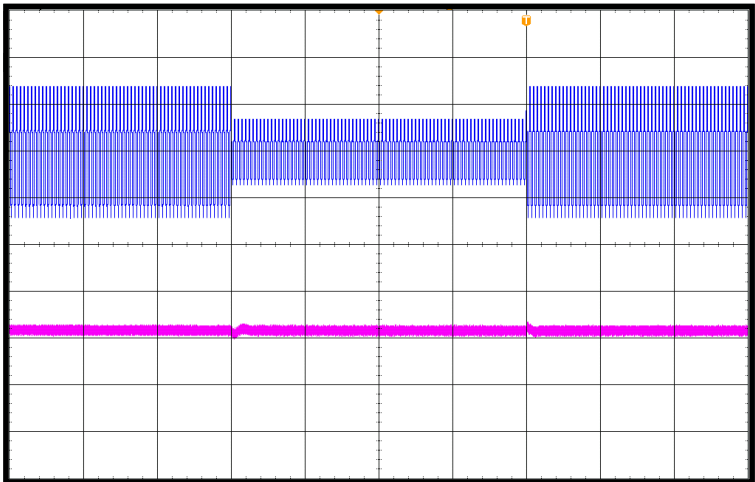


Input Voltage :
100V ⇔ 200V
Frequency : 50Hz
Load : 100%

Time
[400ms/div]

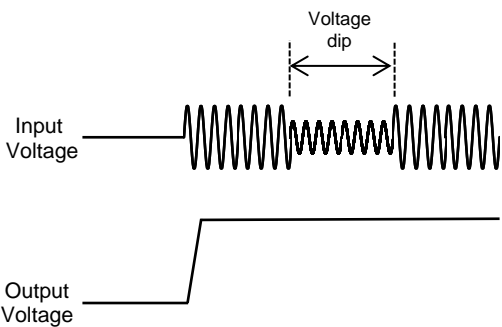
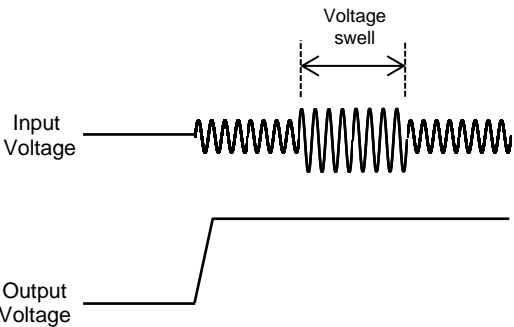
Input Voltage
[200V/div]

Output Voltage
[50mV/div]



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

Time
[400ms/div]

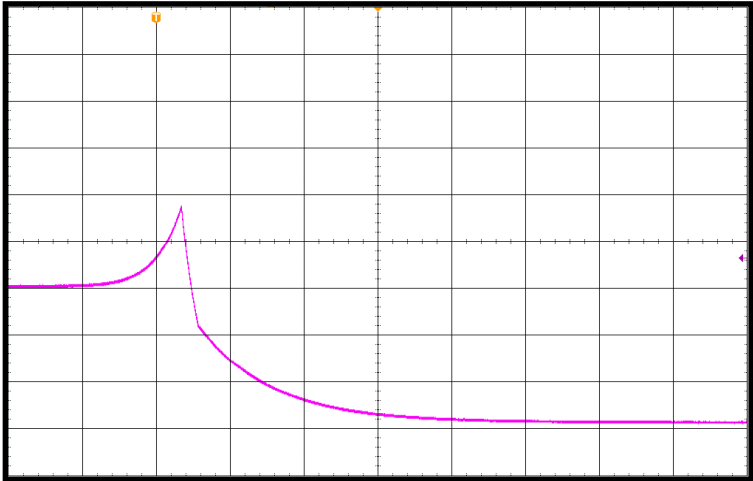




Model		PBA50F-3R3	Temperature 25°C Testing Circuitry A Input Voltage : 100V
Item		Over Voltage Protection	
Object			

Output Voltage
[1V/div]

GND

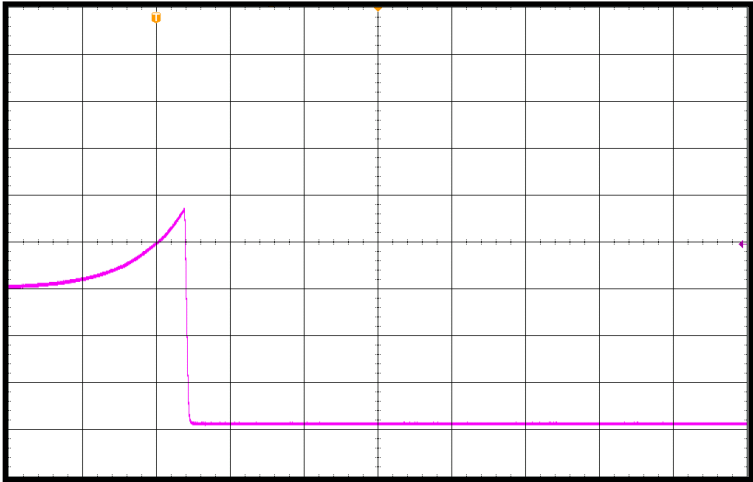


Load :0%
Overvoltage protection
value : 4.8V

Time
[40ms/div]

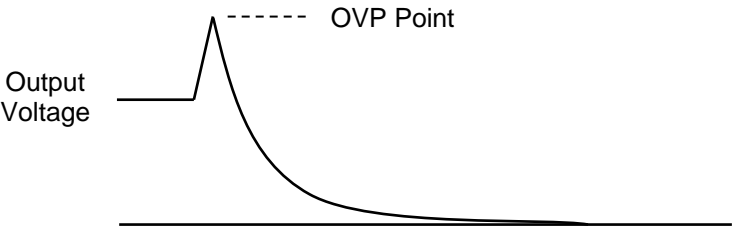
Output Voltage
[1V/div]

GND



Load :100%
Overvoltage protection
value : 4.7V

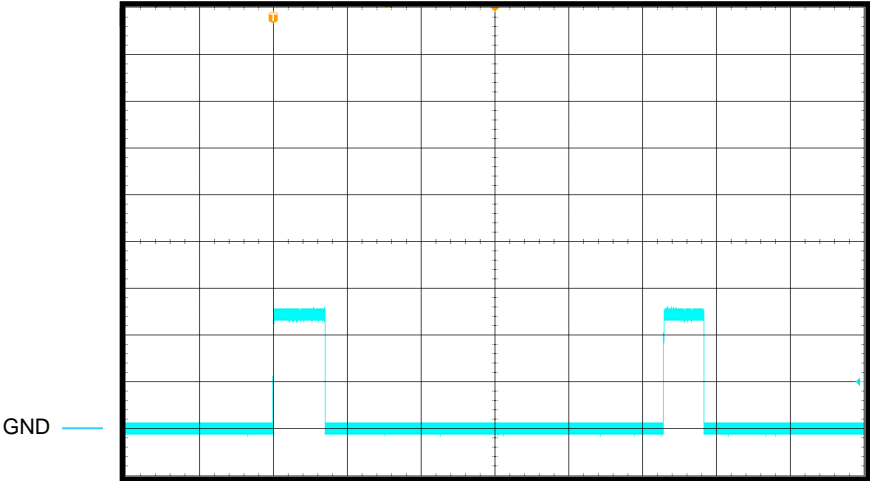
Time
[20ms/div]





Model	PBA50F-3R3		
Item	Hiccup cycle (by Overcurrent Protection)	Temperature	25°C
		Testing Circuitry	A
Object		Load : Short	

Output Current
[5A/div]



Input Voltage : 100V

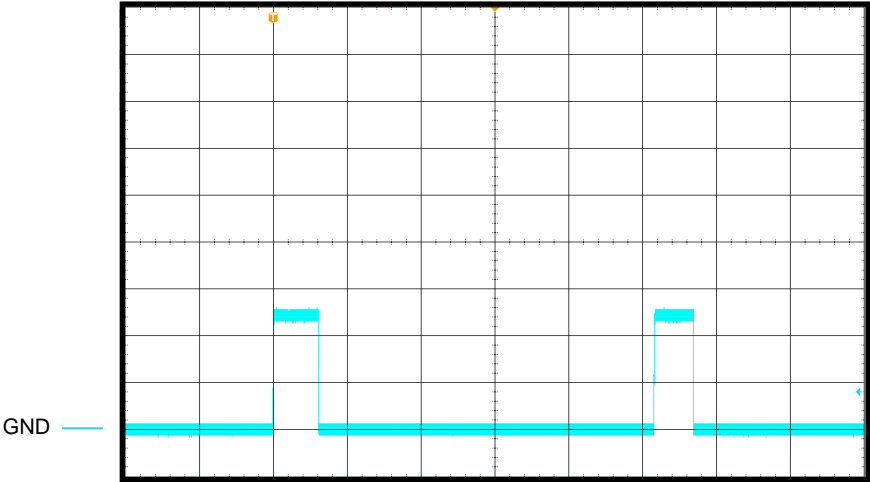
Short-circuit current : 13A

ON Time : 141ms

Hiccup mode time : 1057ms

Time
[200ms/div]

Output Current
[5A/div]



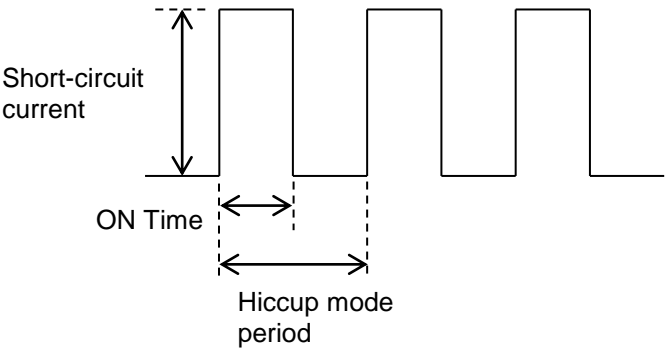
Input Voltage : 200V

Short-circuit current : 13A

ON Time : 123ms

Hiccup mode time : 1032ms

Time
[200ms/div]





Model	PBA50F-3R3																
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>1.66</td></tr><tr><td>115</td><td>1.72</td></tr><tr><td>200</td><td>1.30</td></tr><tr><td>230</td><td>1.38</td></tr><tr><td>264</td><td>2.02</td></tr></table> <div>Input Voltage [V]</div>		Input voltage [V]	Power consumption [W]	85	1.53	100	1.66	115	1.72	200	1.30	230	1.38	264	2.02	2.Values	
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264	2.02																
Reducing standby power is possible by OFF signal of the remote control.																	

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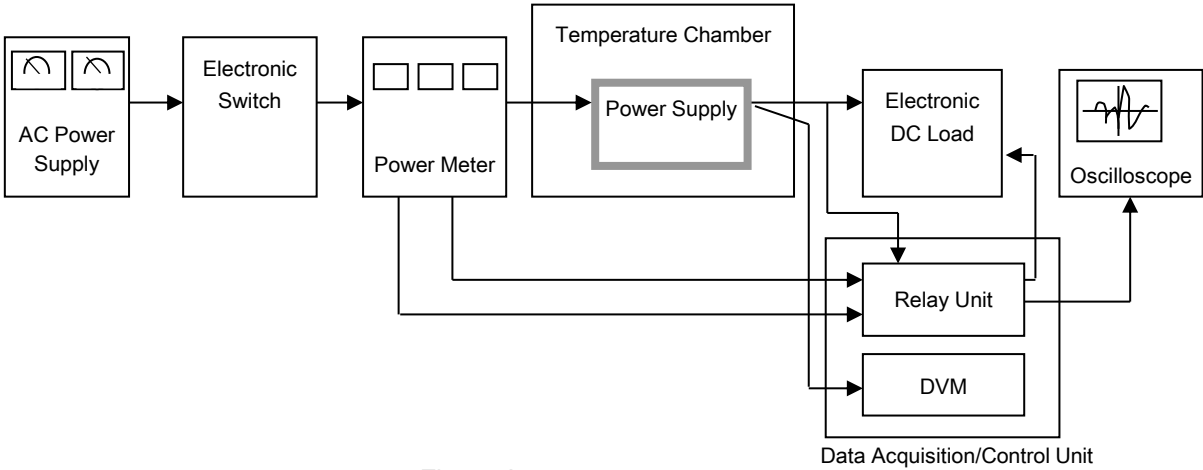


Figure A