



EXTRA TEST DATA OF PBA50F-24

*Regulated DC Power Supply
Jun, 30, 2020*

COSEL CO.,LTD.



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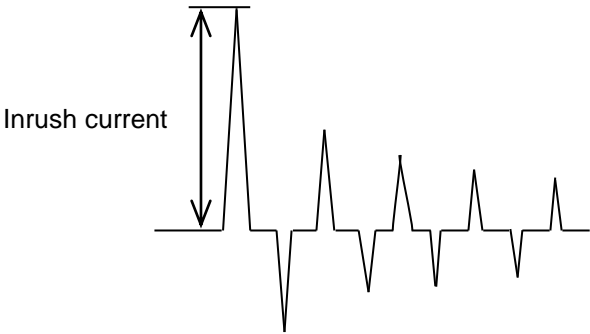
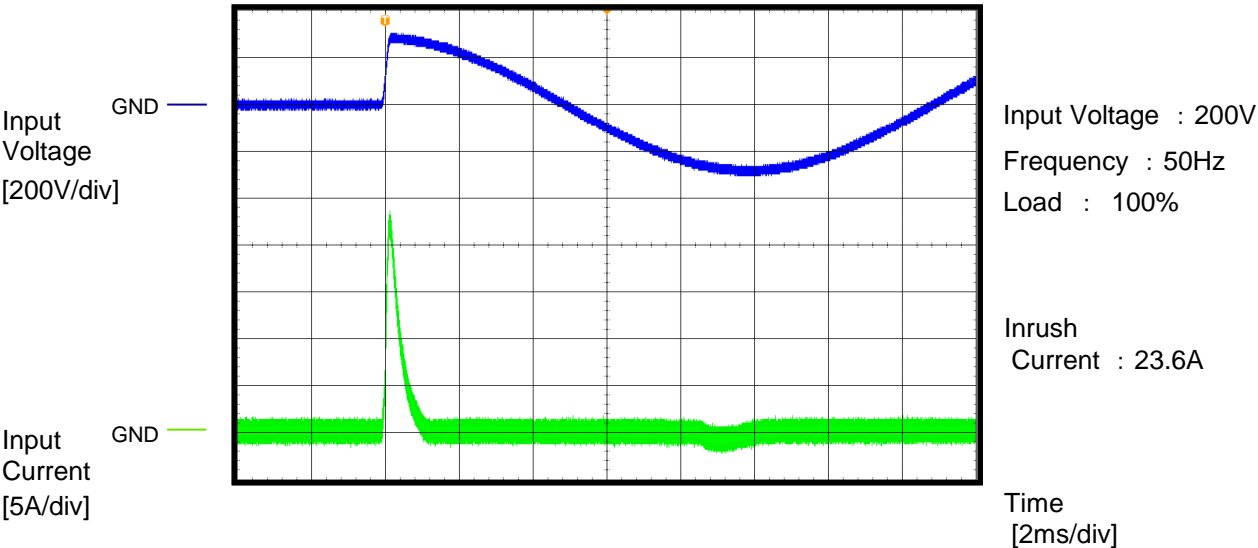
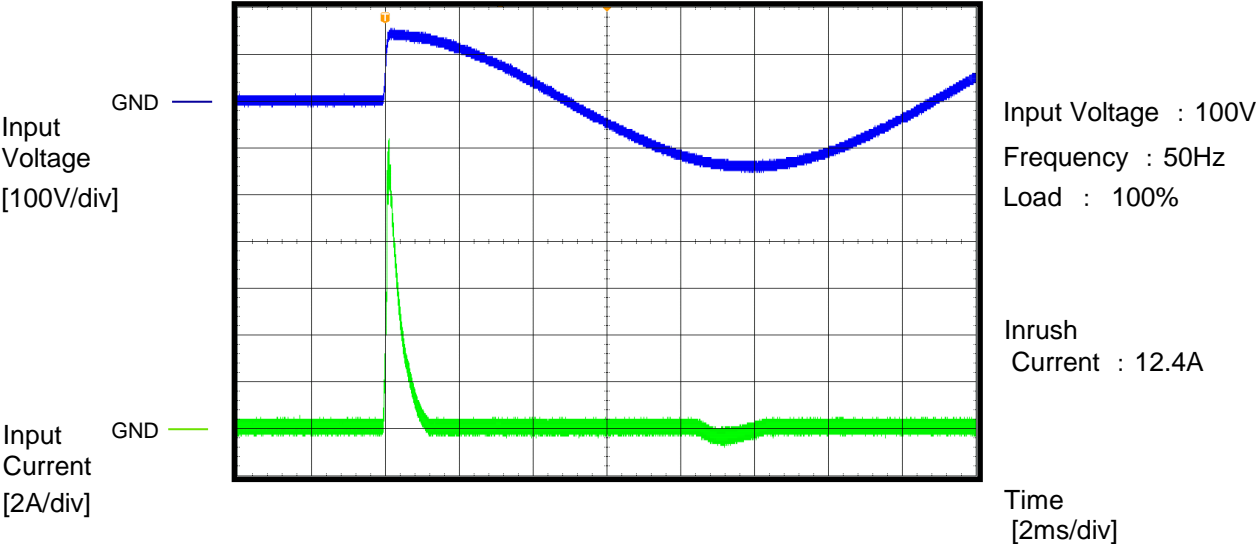
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Model	PBA50F-24		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A

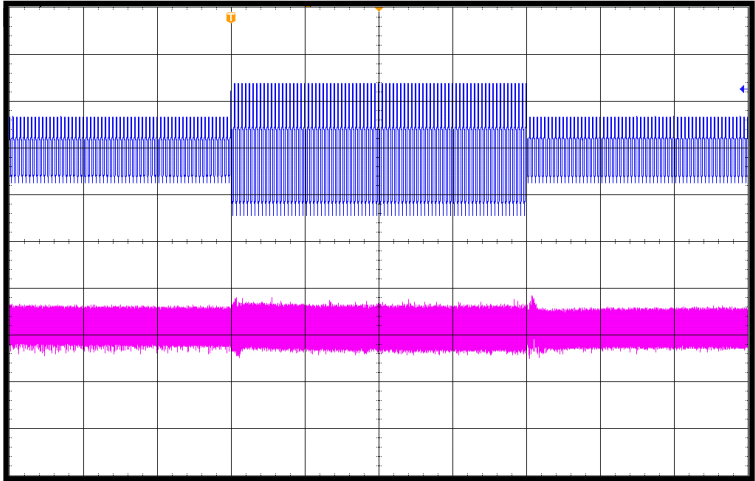




Model		PBA50F-24	Temperature 25°C Testing Circuitry A
Item		Dynamic Line Regulation	
Object		_____	

Input Voltage
[200V/div]

Output Voltage
[100mV/div]

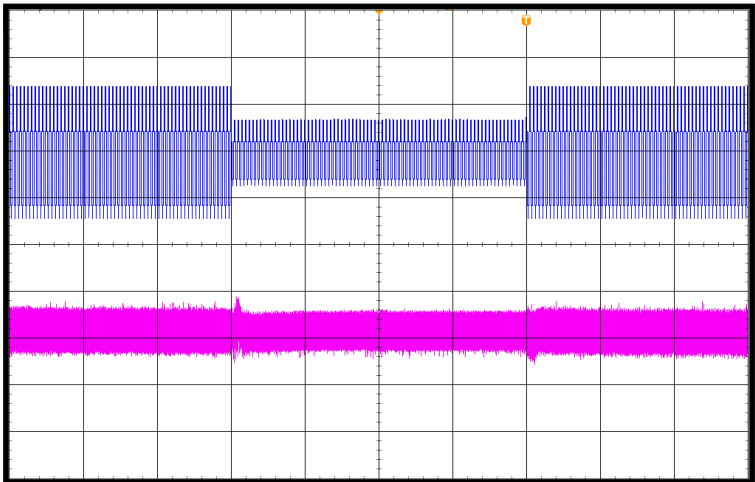


Input Voltage :
100V ⇔ 200V
Frequency : 50Hz
Load : 100%

Time
[400ms/div]

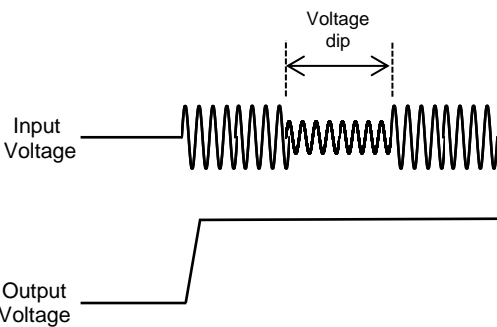
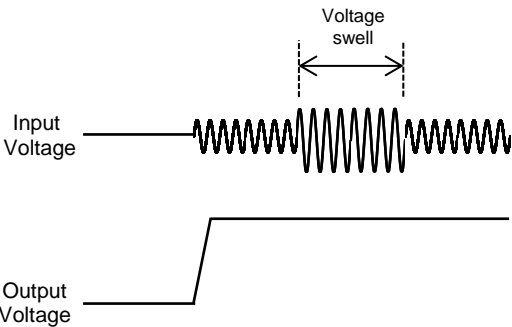
Input Voltage
[200V/div]

Output Voltage
[100mV/div]



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

Time
[400ms/div]

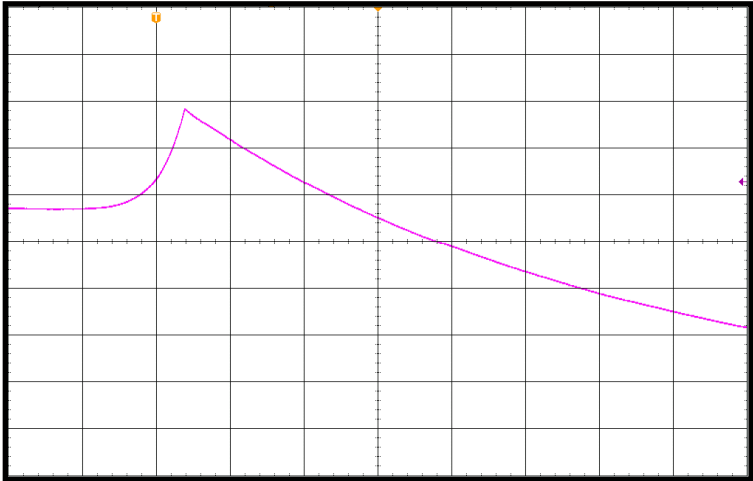




Model	PBA50F-24		
Item	Over Voltage Protection	Temperature	25°C
Object		Testing Circuitry	A
		Input Voltage : 100V	

Output Voltage
[5V/div]

GND

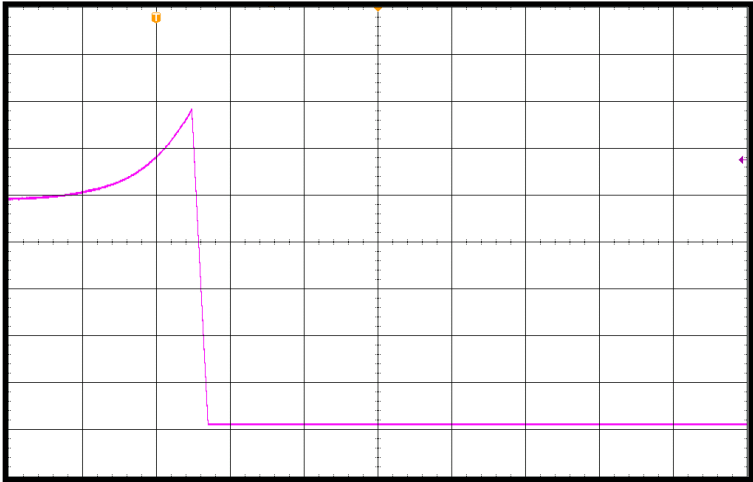


Load :0%
Overvoltage protection
value : 34.2V

Time
[40ms/div]

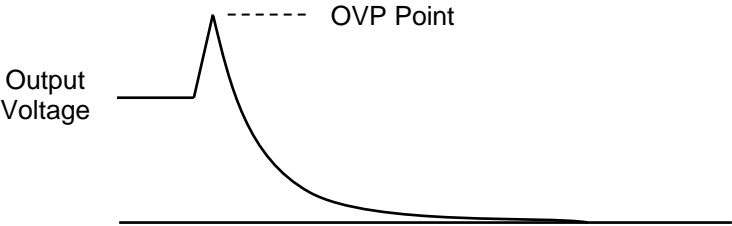
Output Voltage
[5V/div]

GND



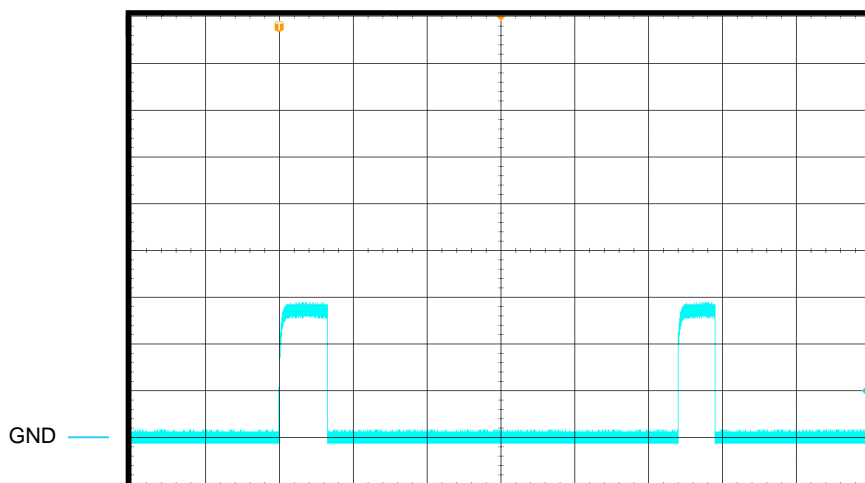
Load :100%
Overvoltage protection
value : 34.2V

Time
[20ms/div]



Model	PBA50F-24	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object		Load	: Short

Output Current
[1A/div]



Input Voltage : 100V

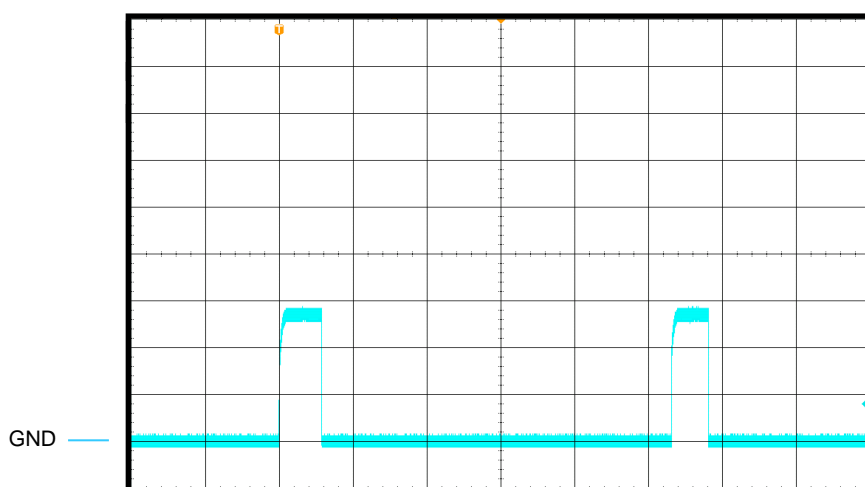
Short-circuit
current : 2.9A

ON Time : 130ms

Hiccup mode
time : 1080ms

Time
[200ms/div]

Output Current
[1A/div]



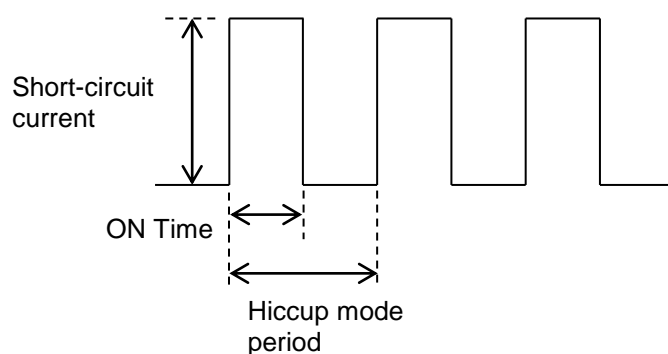
Input Voltage : 200V

Short-circuit
current : 2.9A

ON Time : 115ms

Hiccup mode
time : 1063ms

Time
[200ms/div]





Model	PBA50F-24																
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>1.49</td></tr><tr><td>100</td><td>1.59</td></tr><tr><td>115</td><td>1.55</td></tr><tr><td>200</td><td>1.21</td></tr><tr><td>230</td><td>1.33</td></tr><tr><td>264</td><td>1.88</td></tr></table> <div>Input Voltage [V]</div>		Input voltage [V]	Power consumption [W]	85	1.49	100	1.59	115	1.55	200	1.21	230	1.33	264	1.88	2.Values	
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264	1.88																
Reducing standby power is possible by OFF signal of the remote control.																	

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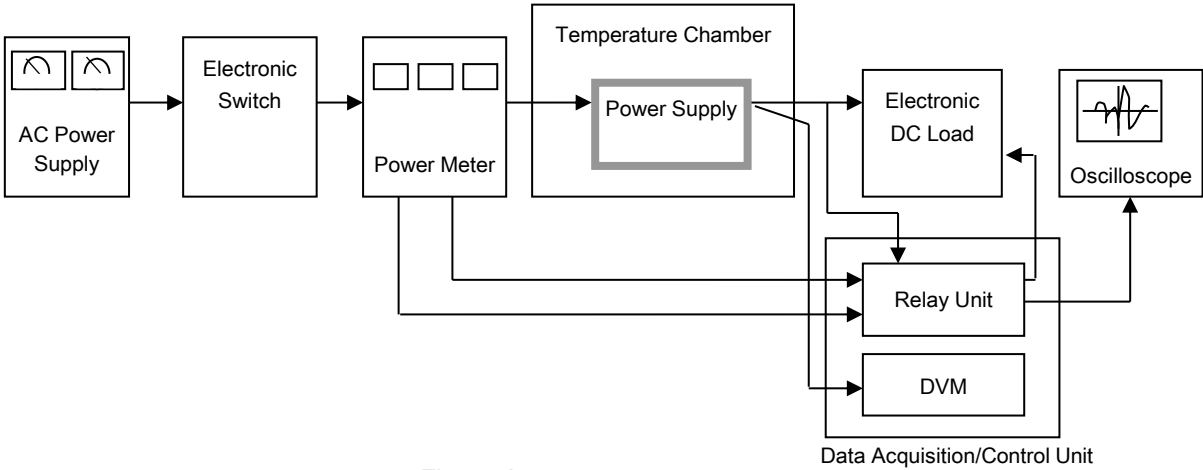


Figure A