



EXTRA TEST DATA OF PBA300F-7R5

Regulated DC Power Supply
Jun, 11, 2020

COSEL CO.,LTD.



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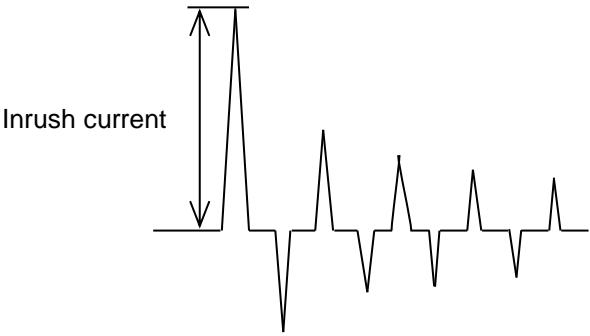
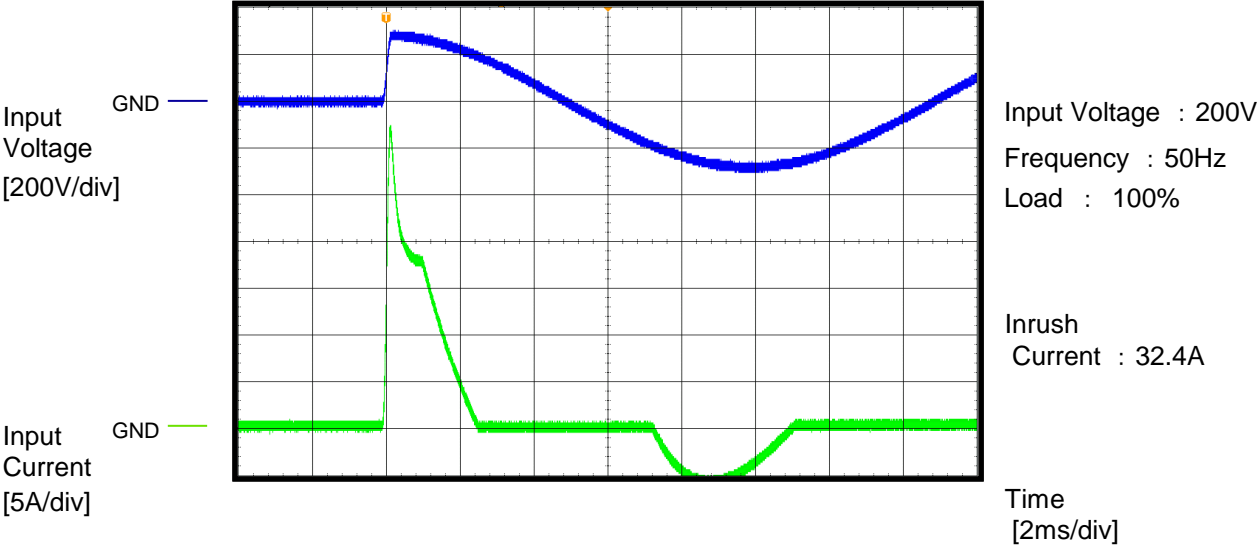
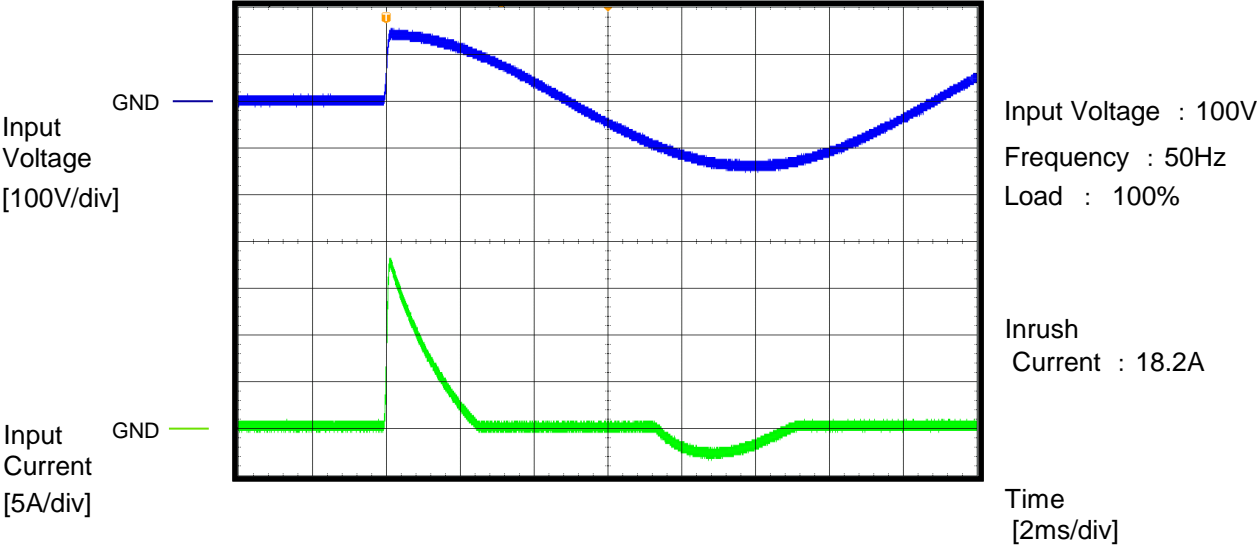
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Model	PBA300F-7R5		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A

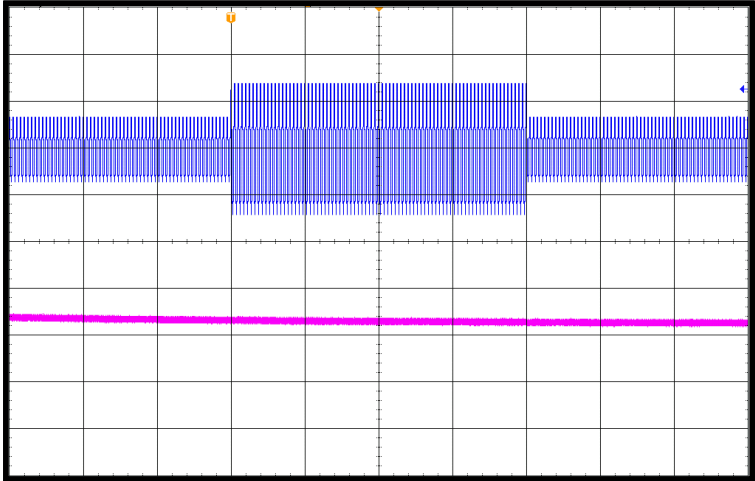




Model		PBA300F-7R5	Temperature 25°C Testing Circuitry A
Item		Dynamic Line Regulation	
Object			

Input Voltage
[200V/div]

Output Voltage
[50mV/div]

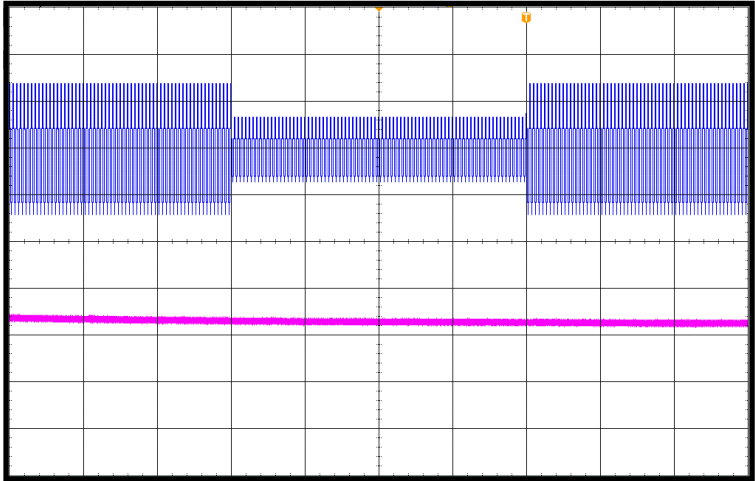


Input Voltage :
100V ⇔ 200V
Frequency : 50Hz
Load : 100%

Time
[400ms/div]

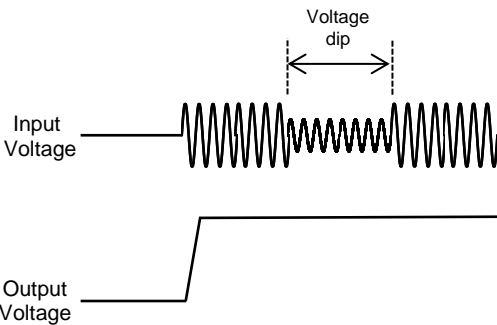
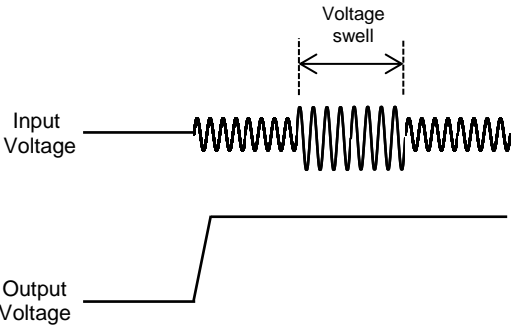
Input Voltage
[200V/div]

Output Voltage
[50mV/div]



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

Time
[400ms/div]

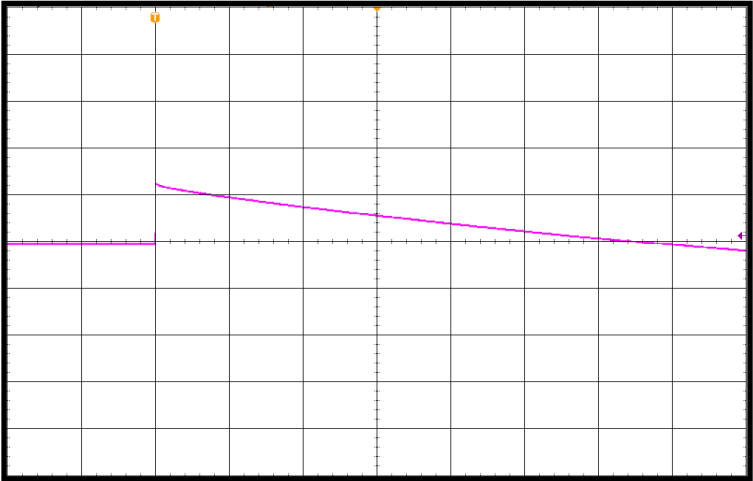




Model	PBA300F-7R5		
Item	Over Voltage Protection	Temperature	25°C
		Testing Circuitry	A
Object		Input Voltage : 100V	

Output Voltage
[2V/div]

GND

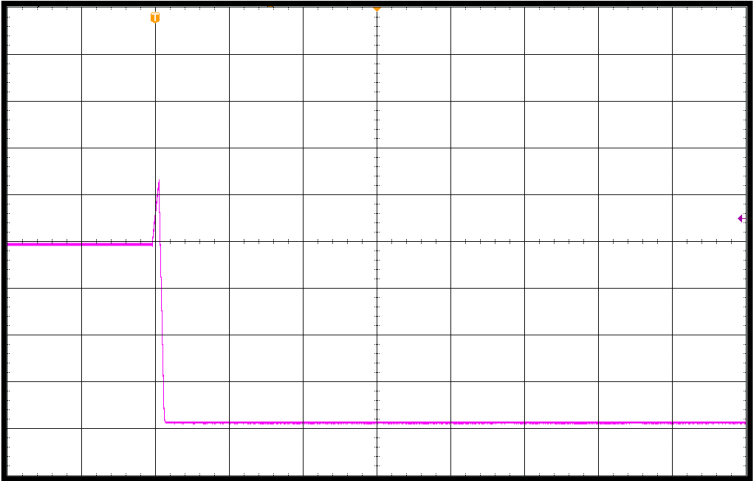


Load :0%
Overvoltage protection
value : 10.9V

Time
[40ms/div]

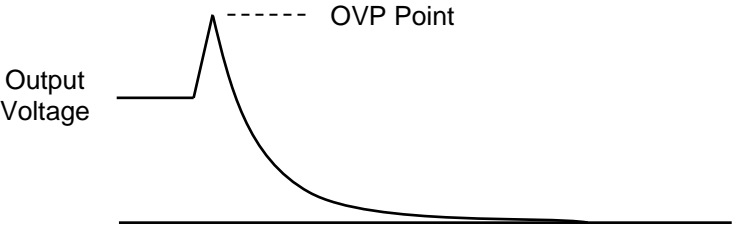
Output Voltage
[2V/div]

GND



Load :100%
Overvoltage protection
value : 10.6V

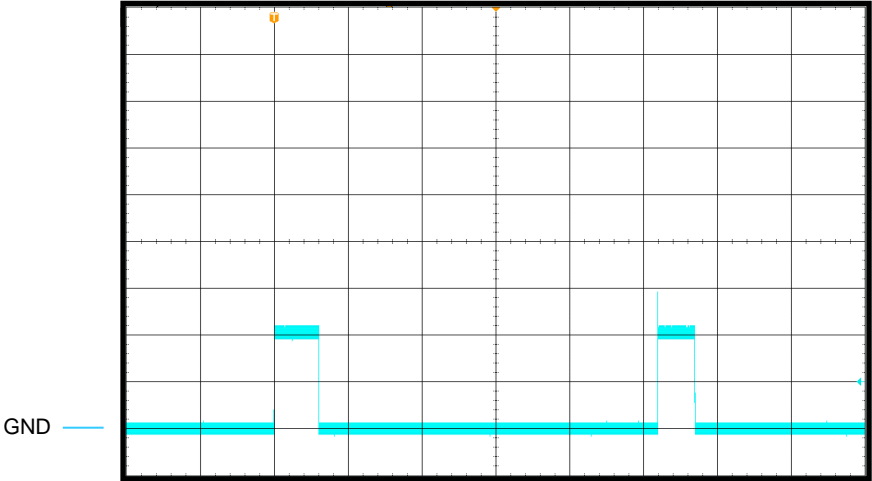
Time
[20ms/div]





Model	PBA300F-7R5		
Item	Short Circuit Current	Temperature	25°C
		Testing Circuitry	A
Object		Load : Short	

Output
Current
[25A/div]



Input Voltage : 100V

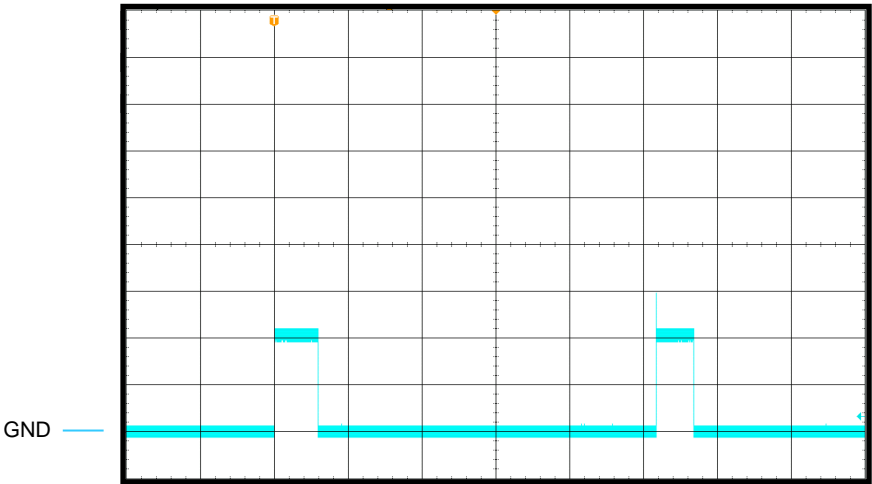
Short-circuit
current : 73A

ON Time : 602ms

Hiccup mode
time : 5194ms

Time
[1000ms/div]

Output
Current
[25A/div]



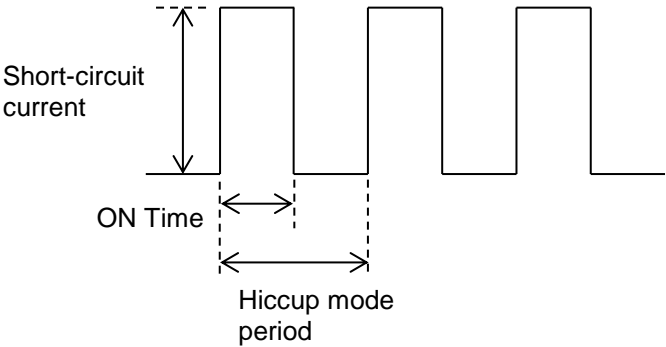
Input Voltage : 200V

Short-circuit
current : 74A

ON Time : 594ms

Hiccup mode
time : 5179ms

Time
[1000ms/div]





Model	PBA300F-7R5																
Item	Input voltage - Power consumption	Temperature	25°C														
Object	_____	Testing Circuitry	-														
1.Graph		Load :0%															
<div>Power consumption[W]</div> <div>Input Voltage [V]</div>		2.Values															
		<table><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr><tr><td>85</td><td>6.14</td></tr><tr><td>100</td><td>6.30</td></tr><tr><td>115</td><td>6.33</td></tr><tr><td>200</td><td>6.46</td></tr><tr><td>230</td><td>6.40</td></tr><tr><td>264</td><td>6.10</td></tr></table>		Input voltage [V]	Power consumption [W]	85	6.14	100	6.30	115	6.33	200	6.46	230	6.40	264	6.10
Input voltage [V]	Power consumption [W]																
85	6.14																
100	6.30																
115	6.33																
200	6.46																
230	6.40																
264	6.10																
Reducing standby power is possible by OFF signal of the remote control.																	

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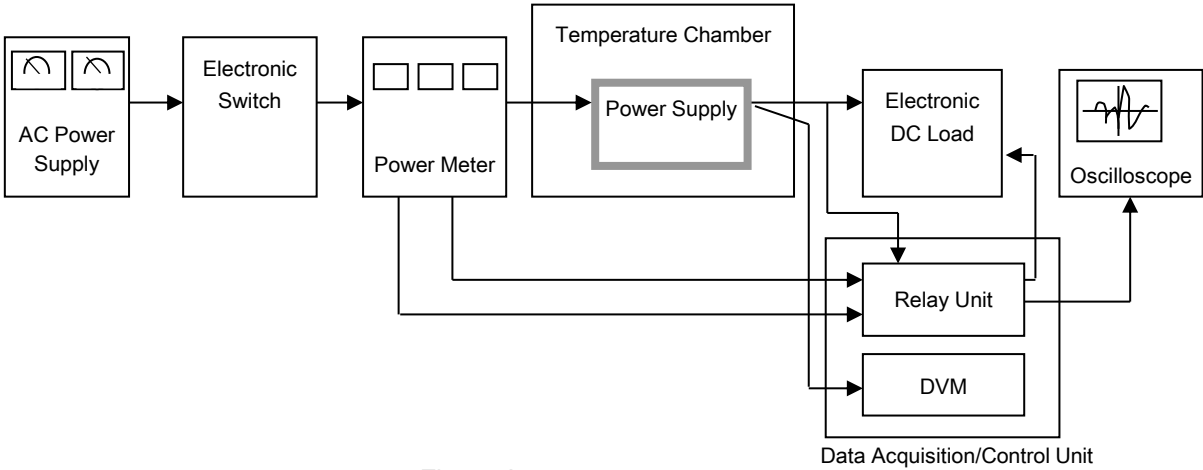


Figure A