



EXTRA TEST DATA OF PBA100F-12

*Regulated DC Power Supply
Jun, 08, 2020*

COSEL CO.,LTD.

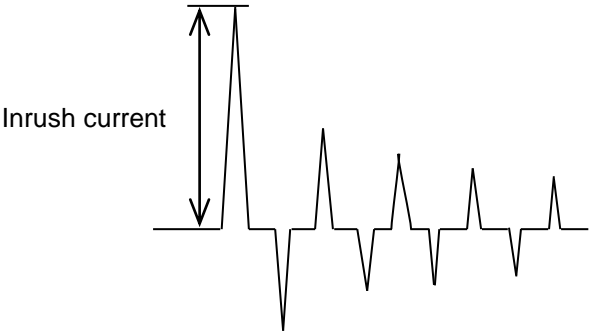
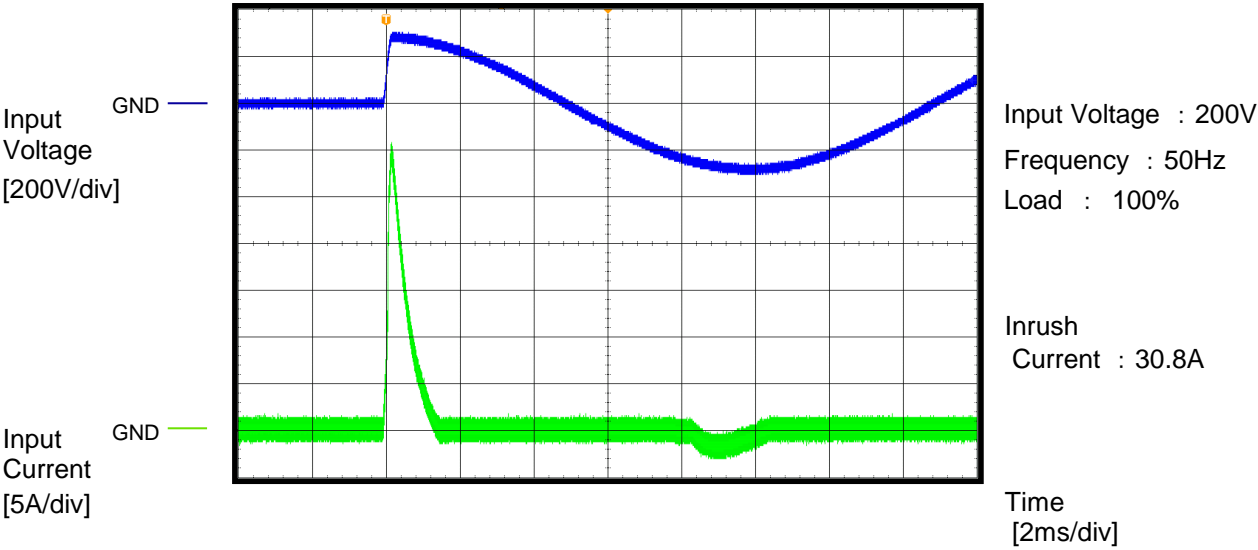
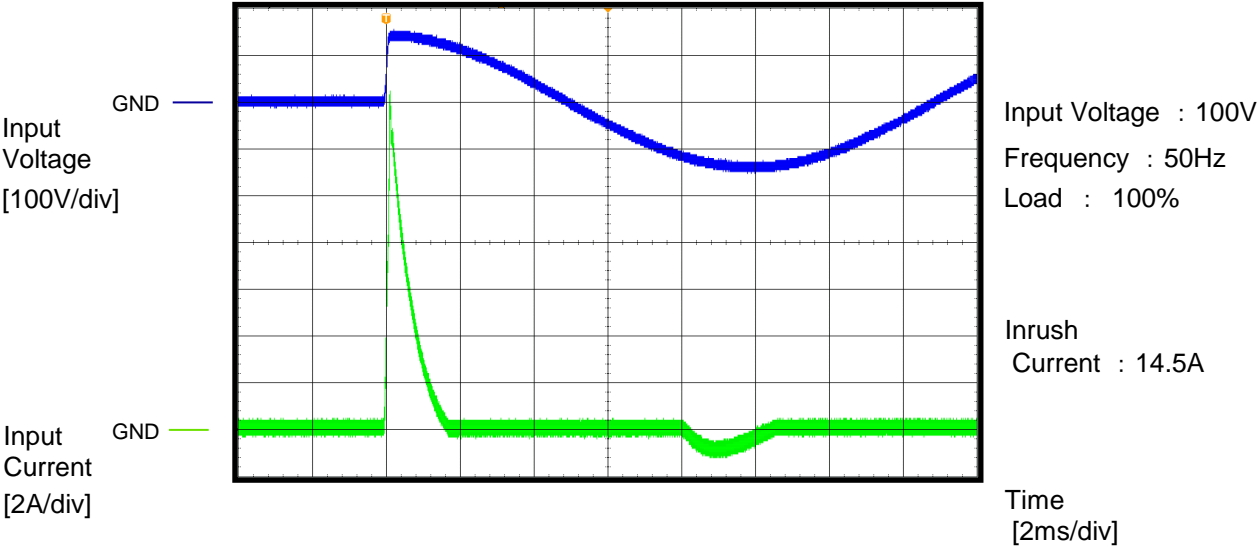
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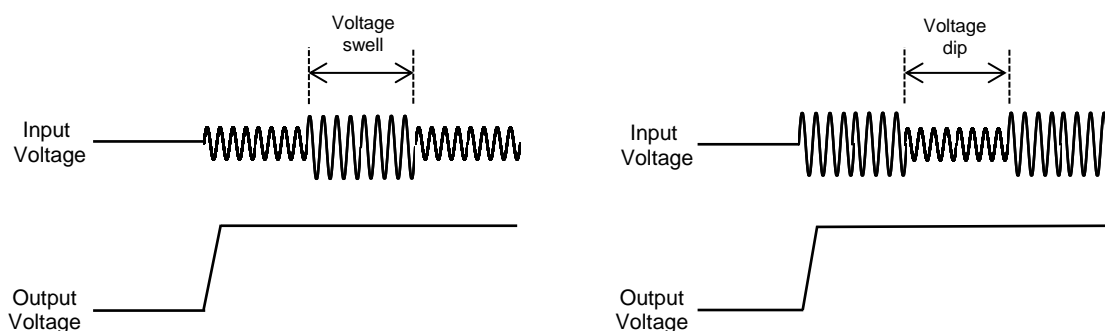
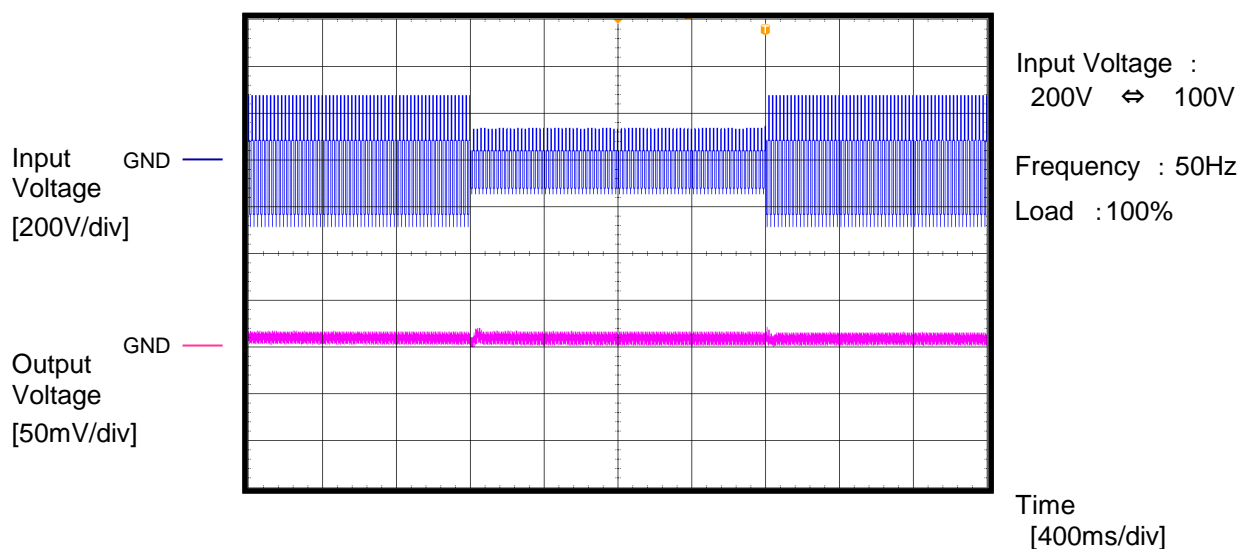
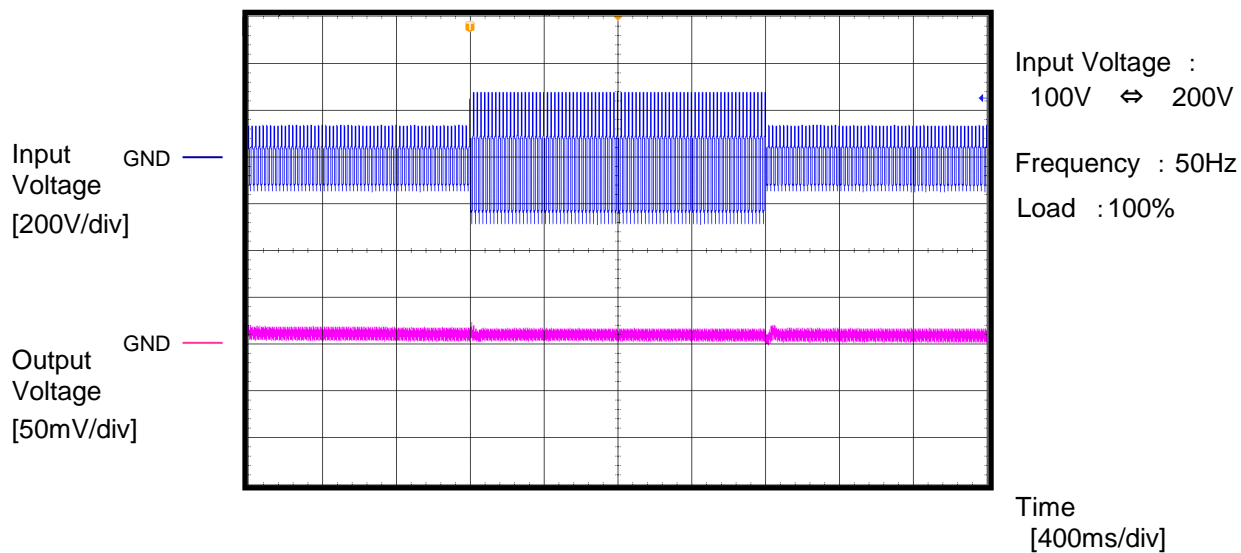
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Model	PBA100F-12		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A



Model	PBA100F-12	Temperature	25°C
Item	Dynamic Line Regulation	Testing Circuitry	A
Object	_____		

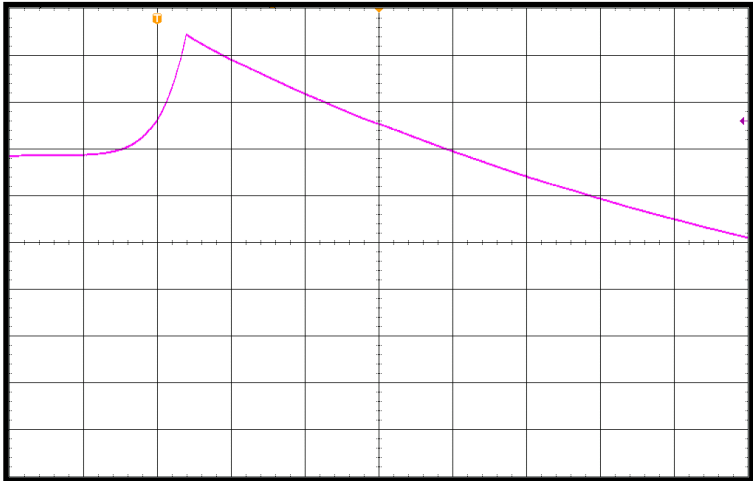




		Temperature 25°C Testing Circuitry A Input Voltage : 100V
Model	PBA100F-12	
Item	Over Voltage Protection	
Object		

Output Voltage
[2V/div]

GND

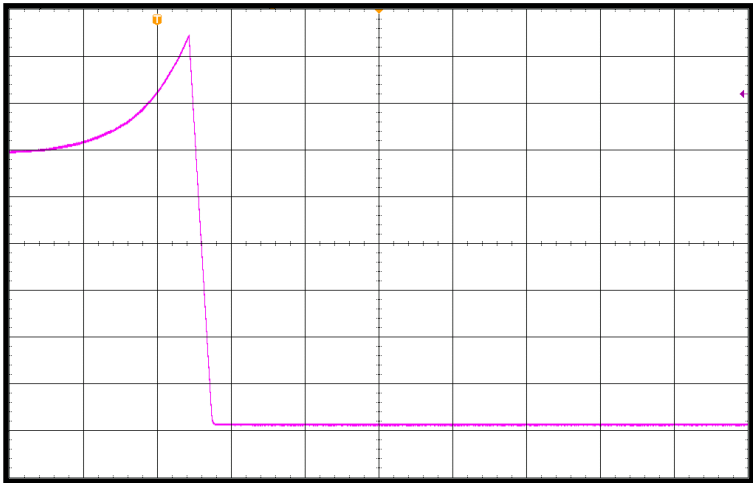


Load : 0%
Overvoltage protection
value : 16.9V

Time
[40ms/div]

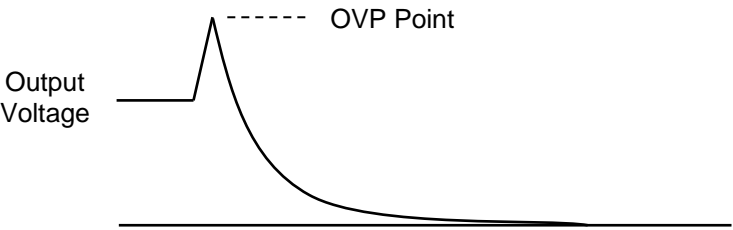
Output Voltage
[2V/div]

GND



Load : 100%
Overvoltage protection
value : 16.9V

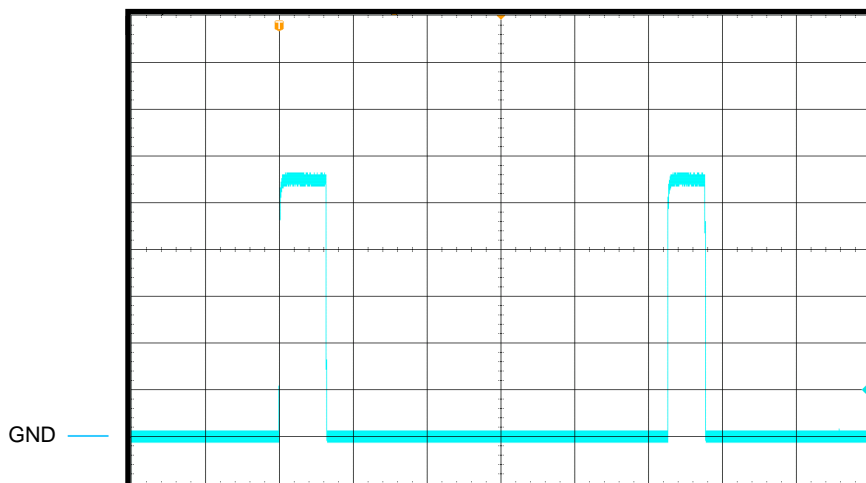
Time
[20ms/div]





Model	PBA100F-12	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object	_____	Load : Short	

Output
Current
[2A/div]



Input Voltage : 100V

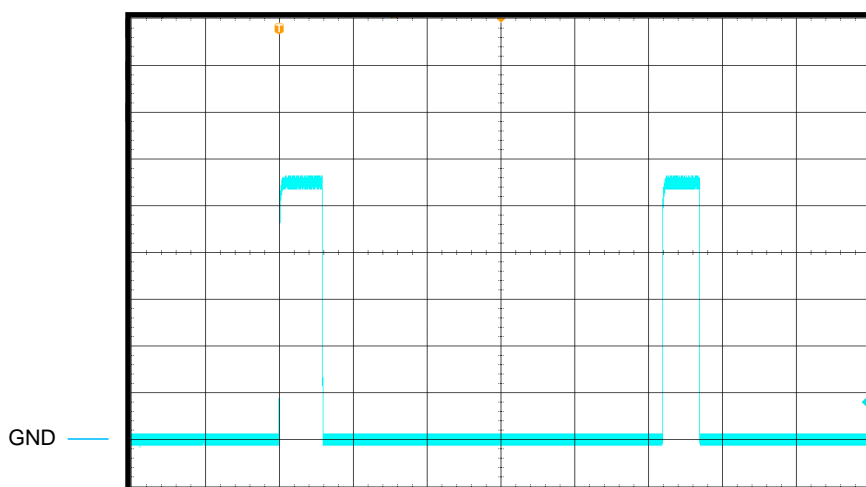
Short-circuit
current : 11.3A

ON Time : 128ms

Hiccup mode
time : 1052ms

Time
[200ms/div]

Output
Current
[2A/div]



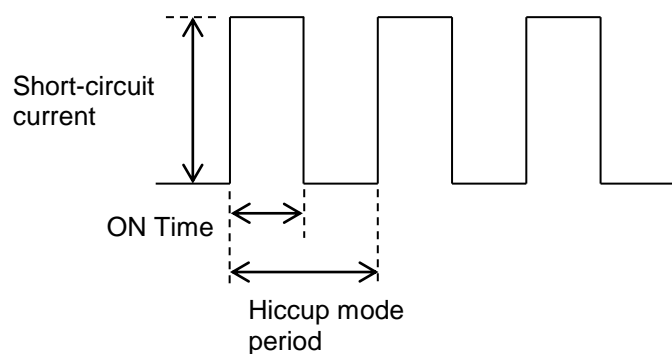
Input Voltage : 200V

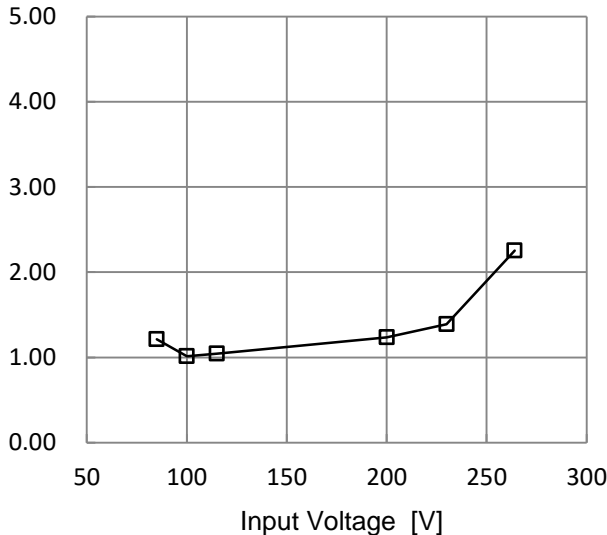
Short-circuit
current : 11.3A

ON Time : 118ms

Hiccup mode
time : 1038ms

Time
[200ms/div]



Model	PBA100F-12																
Item	Input voltage - Power consumption	Temperature	25°C														
Object	_____	Testing Circuitry	-														
1.Graph		Load :0%															
<div>Power consumption[W]</div> <div></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>1.21</td></tr><tr><td>100</td><td>1.02</td></tr><tr><td>115</td><td>1.04</td></tr><tr><td>200</td><td>1.24</td></tr><tr><td>230</td><td>1.39</td></tr><tr><td>264</td><td>2.25</td></tr></table>		Input voltage [V]	Power consumption [W]	85	1.21	100	1.02	115	1.04	200	1.24	230	1.39	264	2.25
Input voltage [V]	Power consumption [W]																
85	1.21																
100	1.02																
115	1.04																
200	1.24																
230	1.39																
264	2.25																
Reducing standby power is possible by OFF signal of the remote control.																	

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BC-11557

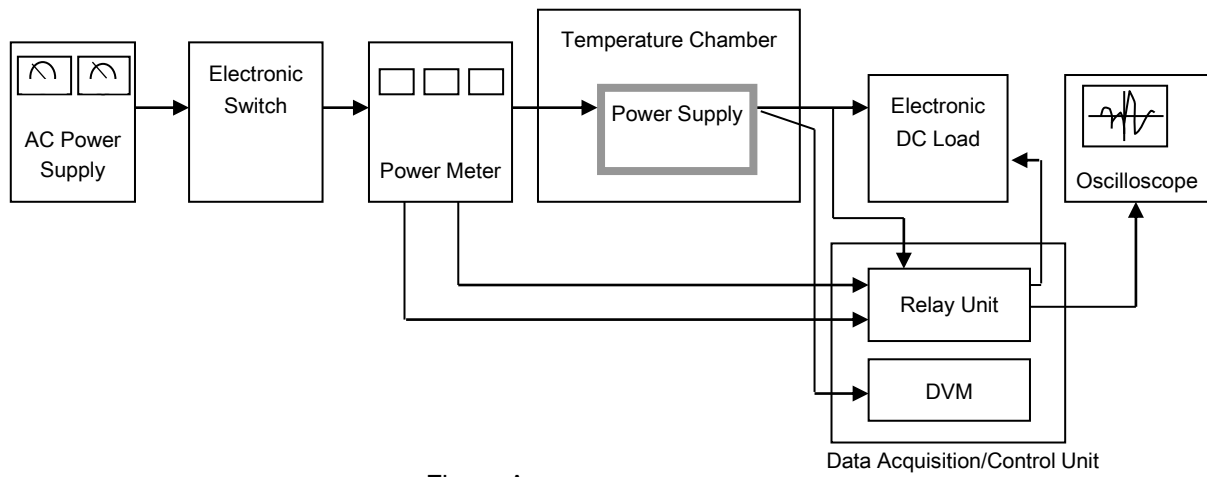


Figure A