



## ***EXTRA TEST DATA OF PBA600F-12***

*Regulated DC Power Supply  
Jun, 15, 2020*

**COSEL CO.,LTD.**



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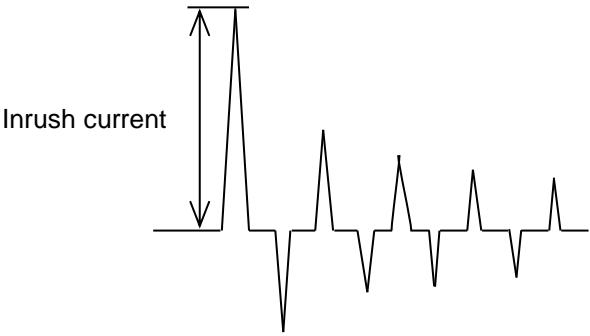
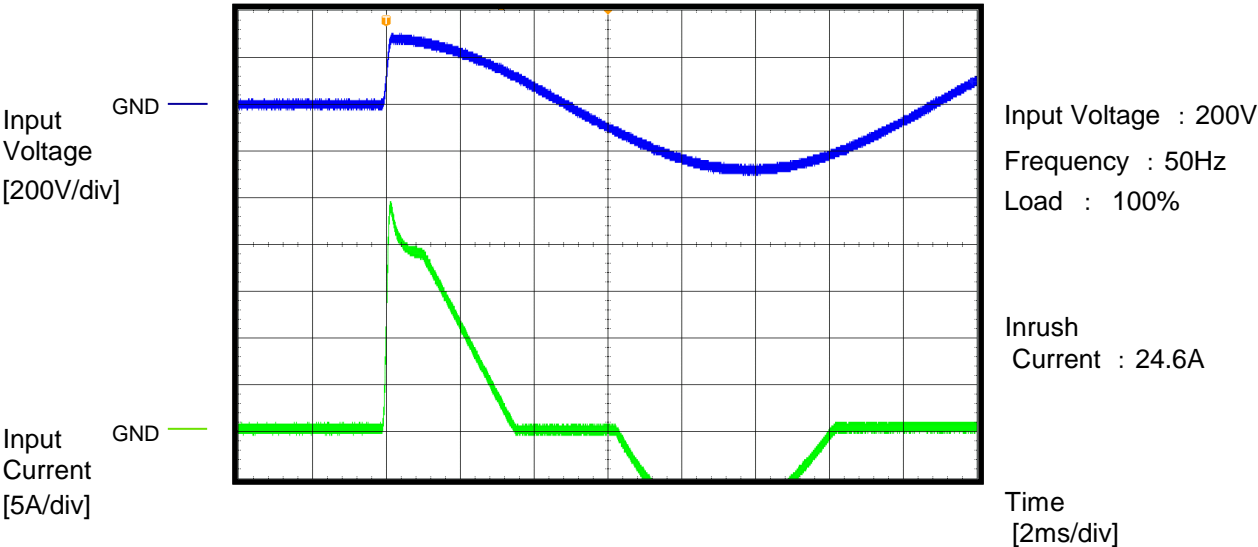
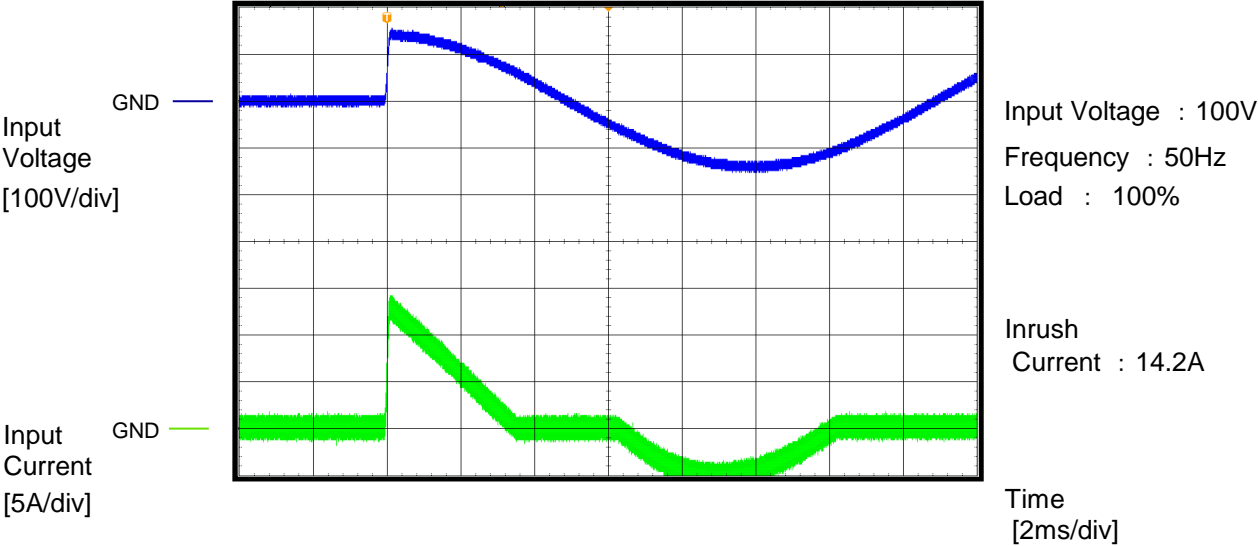
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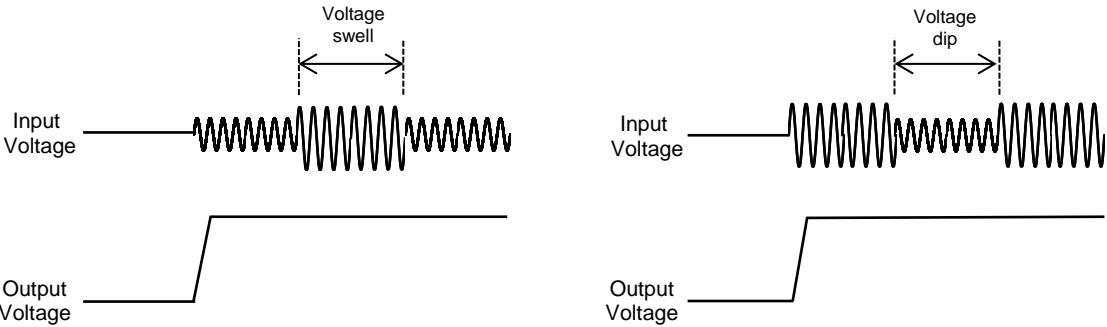
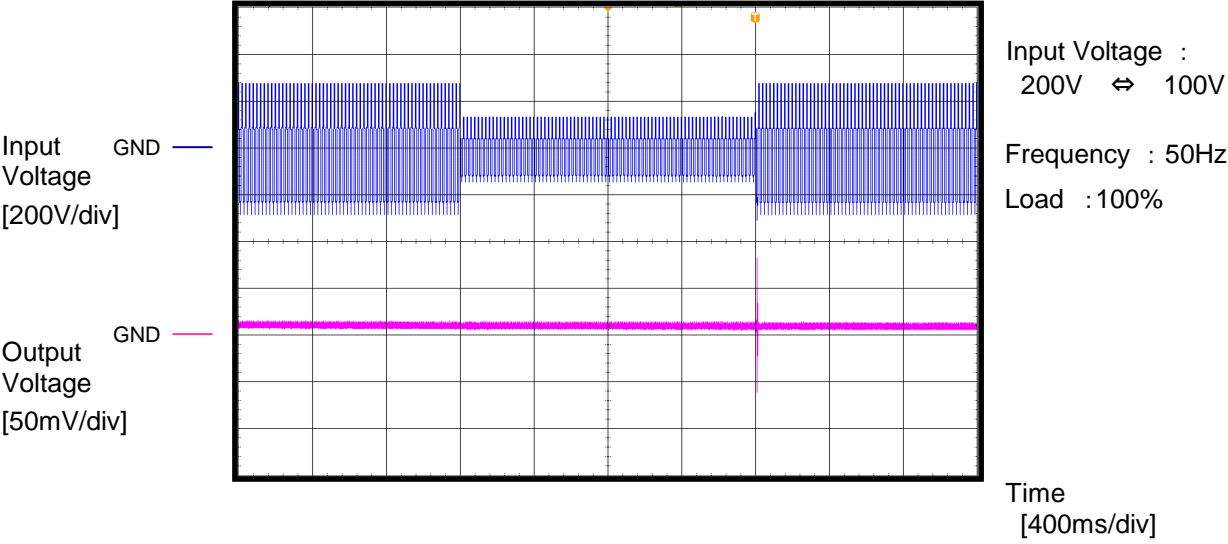
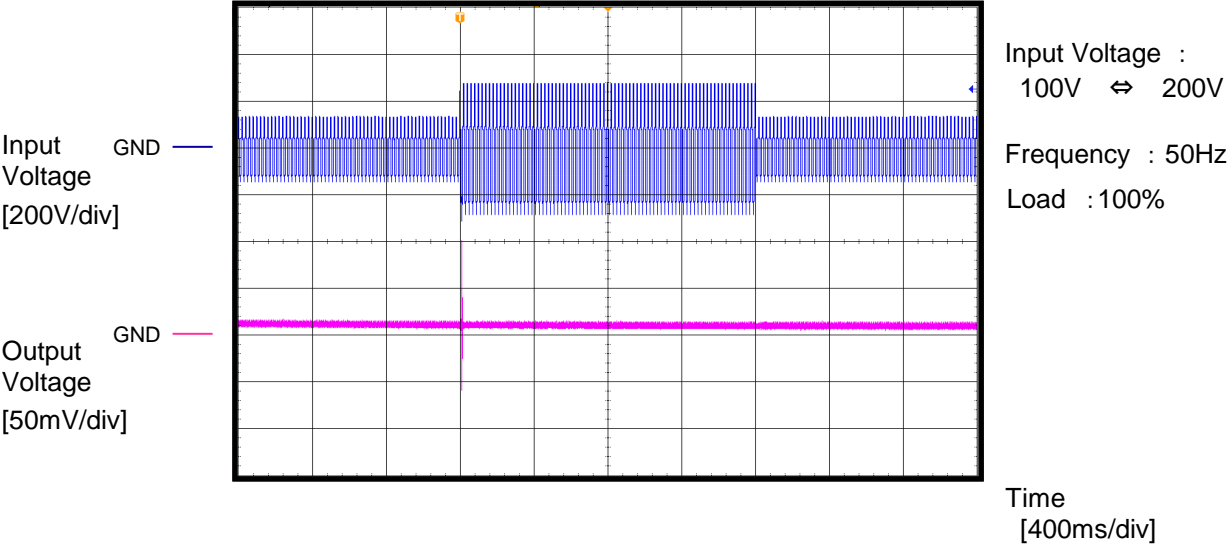


Model	PBA600F-12		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A





Model		PBA600F-12	Temperature 25°C Testing Circuitry A
Item		Dynamic Line Regulation	
Object			

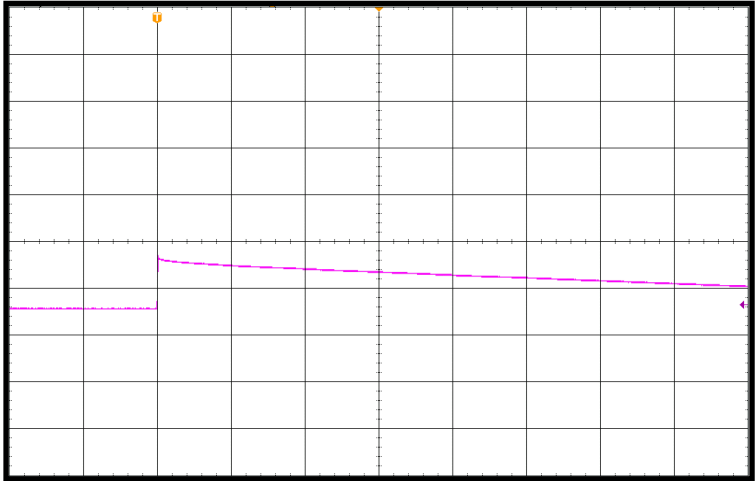




		Temperature     25°C Testing Circuitry   A  Input Voltage   : 100V
Model	PBA600F-12	
Item	Over Voltage Protection	
Object	_____	

Output  
Voltage  
[5V/div]

GND

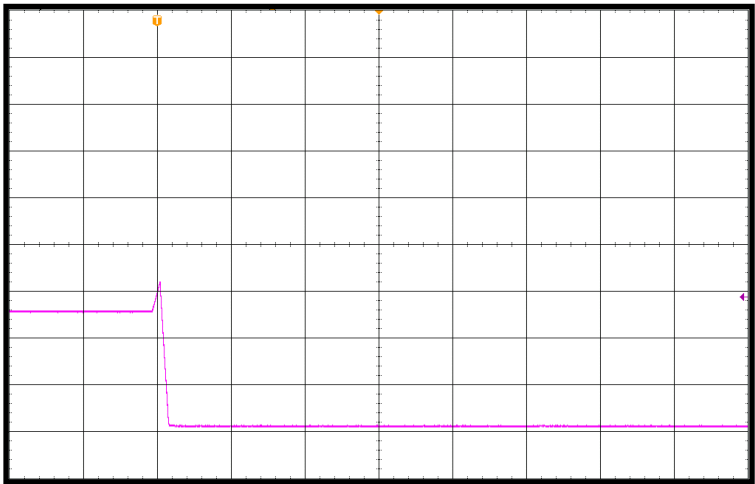


Load : 0%  
Overvoltage protection  
value : 18.5V

Time  
[40ms/div]

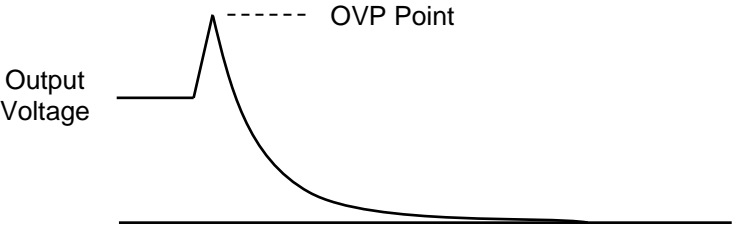
Output  
Voltage  
[5V/div]

GND



Load : 100%  
Overvoltage protection  
value : 16.0V

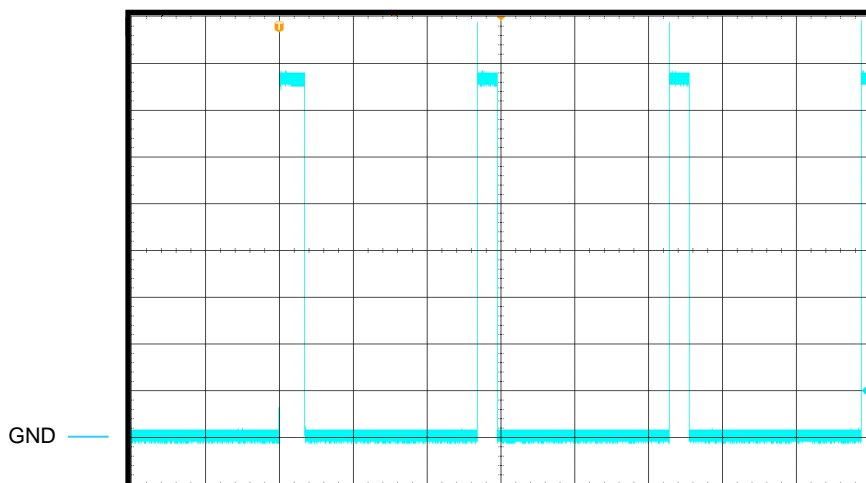
Time  
[20ms/div]



※Normal overvoltage protection circuit operation

Model	PBA600F-12	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object		Load	: Short

Output Current  
[10A/div]



Input Voltage : 100V

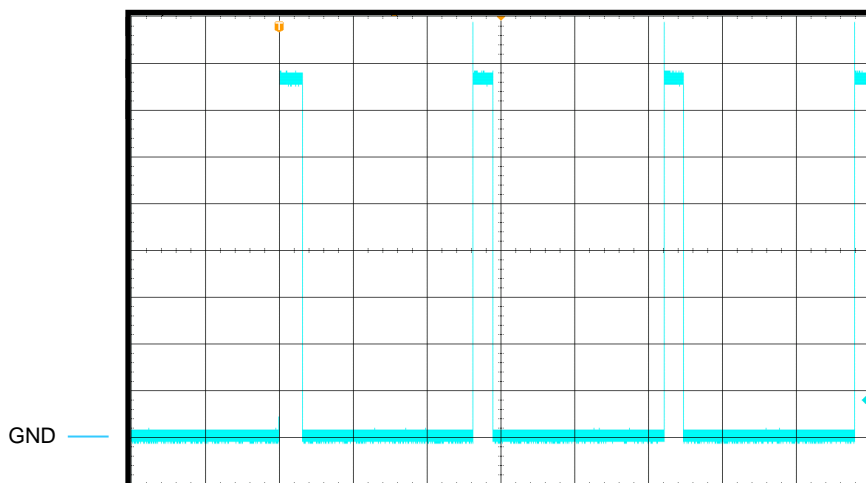
Short-circuit current : 89.2A

ON Time : 699ms

Hiccup mode time : 5367ms

Time  
[2000ms/div]

Output Current  
[10A/div]



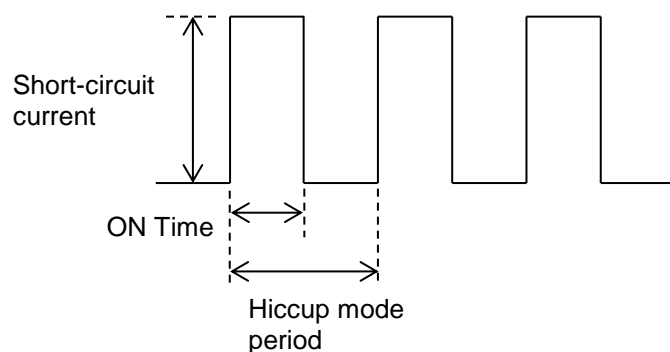
Input Voltage : 200V

Short-circuit current : 88.8A

ON Time : 629ms

Hiccup mode time : 5258ms

Time  
[2000ms/div]





Model	PBA600F-12																
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>7.29</td></tr><tr><td>100</td><td>7.31</td></tr><tr><td>115</td><td>7.27</td></tr><tr><td>200</td><td>4.64</td></tr><tr><td>230</td><td>4.26</td></tr><tr><td>264</td><td>4.10</td></tr></table>		Input voltage [V]	Power consumption [W]	85	7.29	100	7.31	115	7.27	200	4.64	230	4.26	264	4.10
Input voltage [V]	Power consumption [W]																
85	7.29																
100	7.31																
115	7.27																
200	4.64																
230	4.26																
264	4.10																
Reducing standby power is possible by OFF signal of the remote control.																	

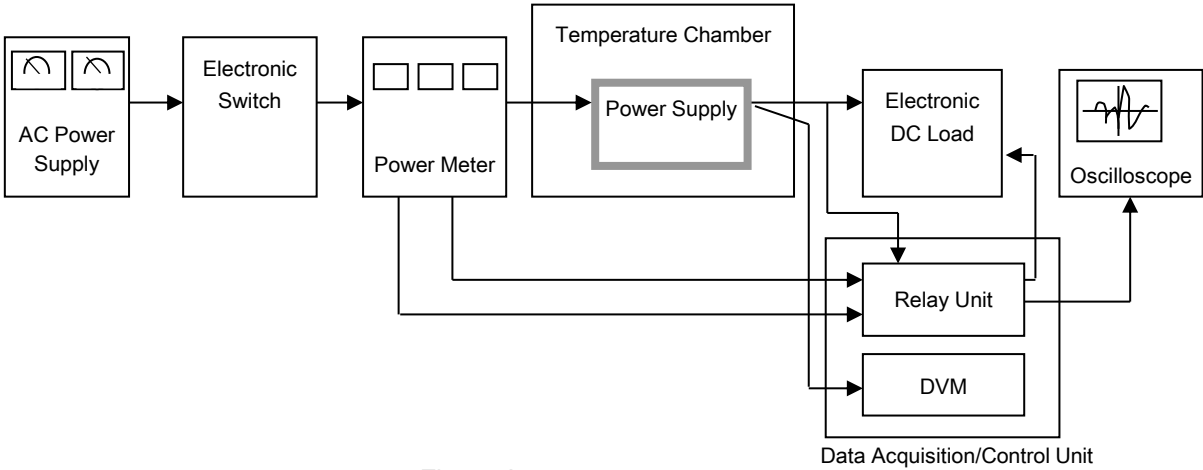


Figure A