



EXTRA TEST DATA OF PBA50F-36

*Regulated DC Power Supply
Jun, 30, 2020*

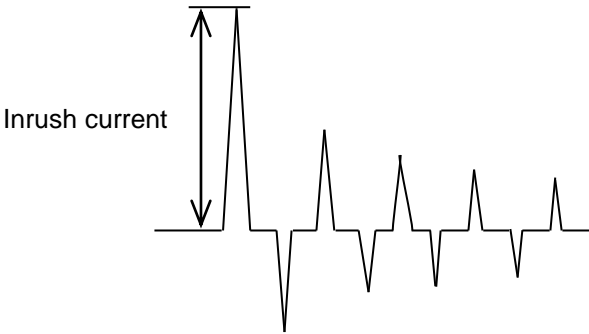
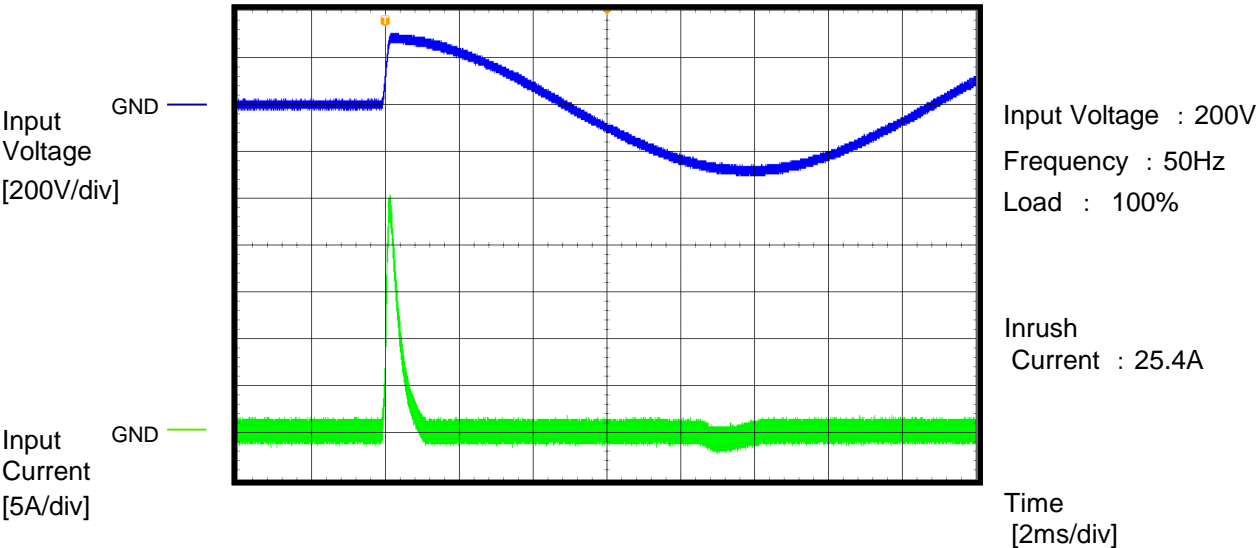
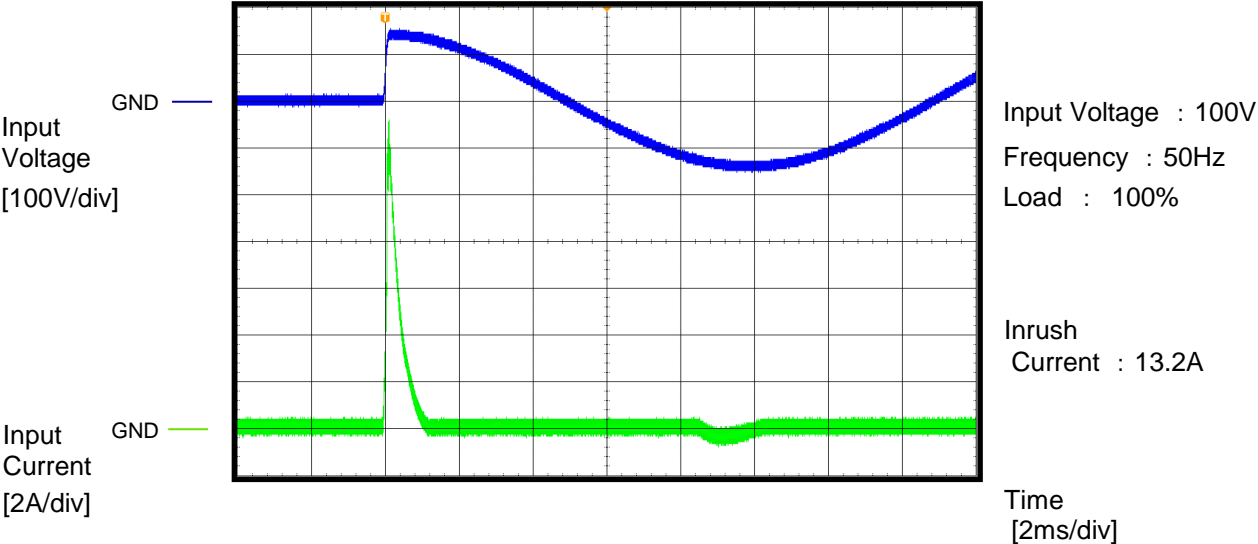
COSEL CO.,LTD.

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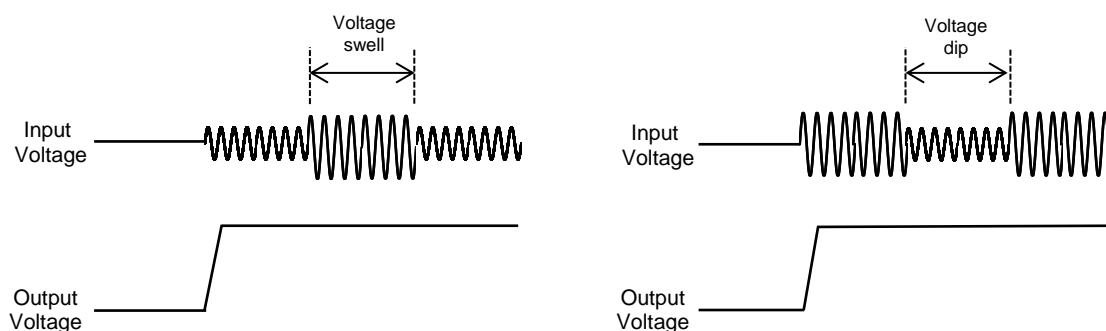
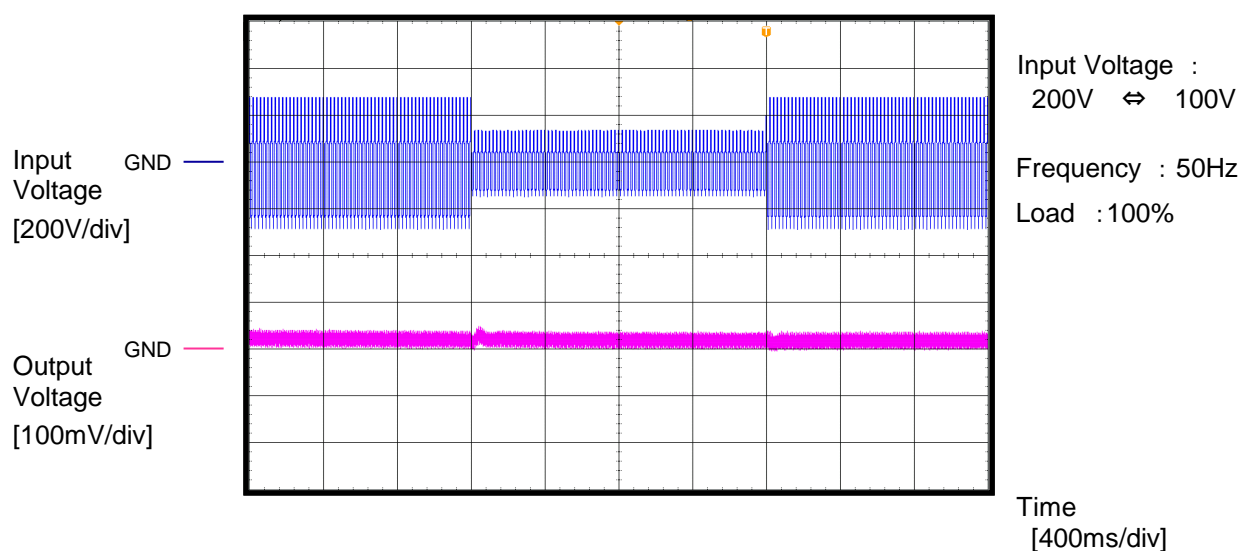
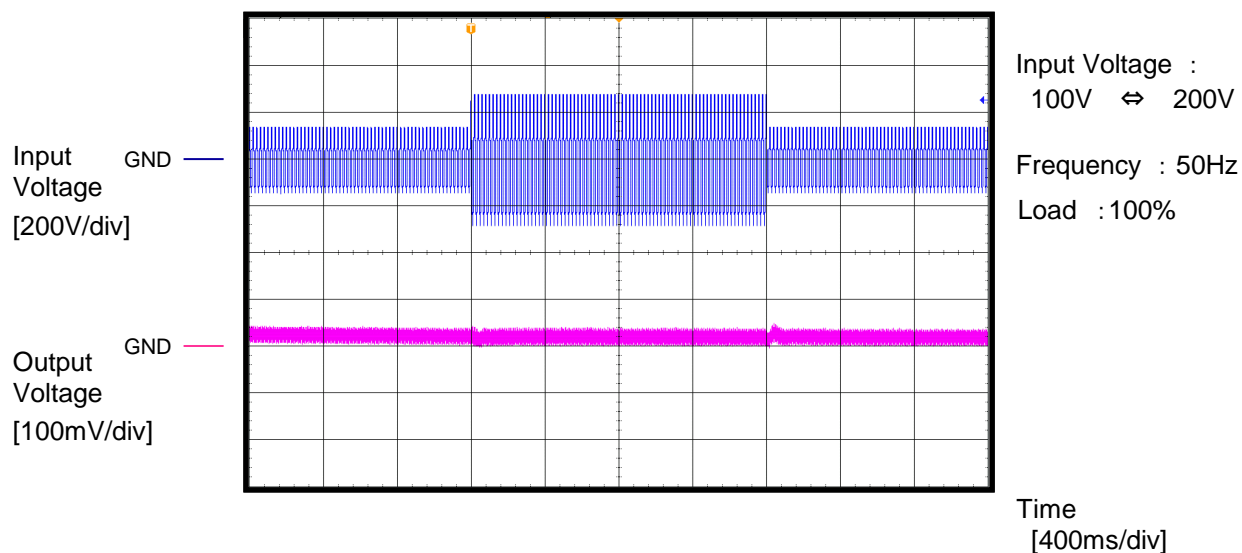
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Model	PBA50F-36		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A



Model	PBA50F-36	Temperature	25°C
Item	Dynamic Line Regulation	Testing Circuitry	A
Object	_____		

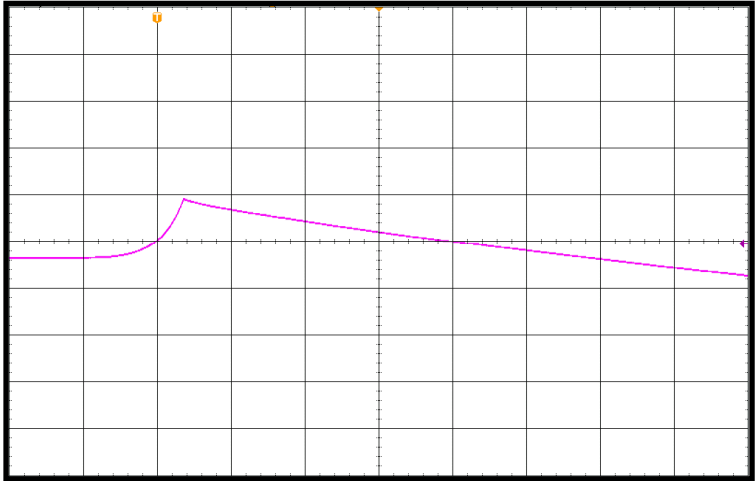




Model	PBA50F-36		
Item	Over Voltage Protection	Temperature	25°C
		Testing Circuitry	A
Object		Input Voltage : 100V	

Output Voltage
[10V/div]

GND

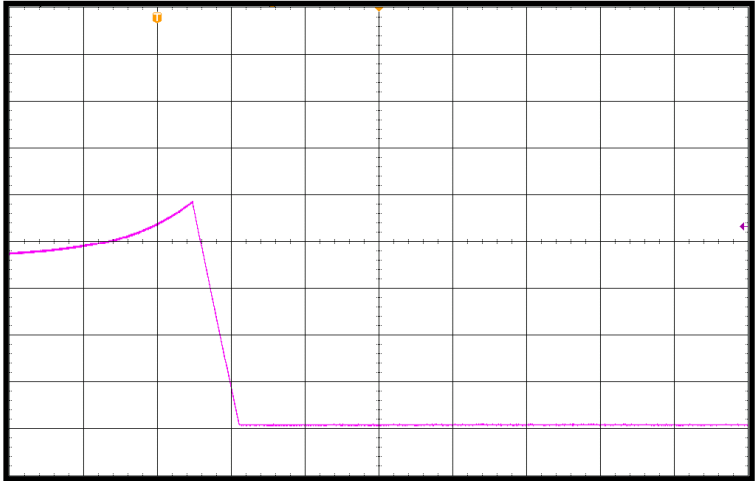


Load : 0%
Overvoltage protection
value : 49.2V

Time
[40ms/div]

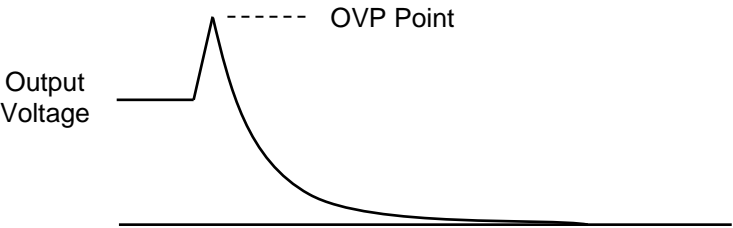
Output Voltage
[10V/div]

GND



Load : 100%
Overvoltage protection
value : 48.6V

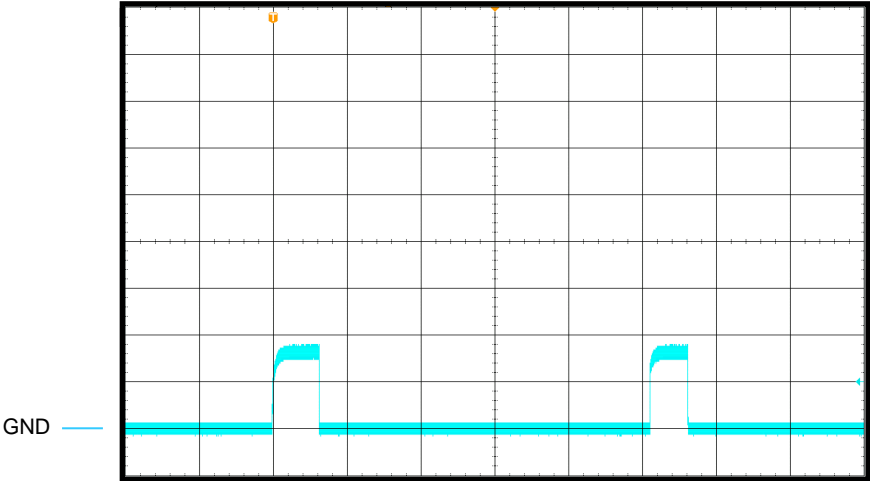
Time
[20ms/div]





Model	PBA50F-36	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object		Load	: Short

Output Current
[1A/div]



Input Voltage : 100V

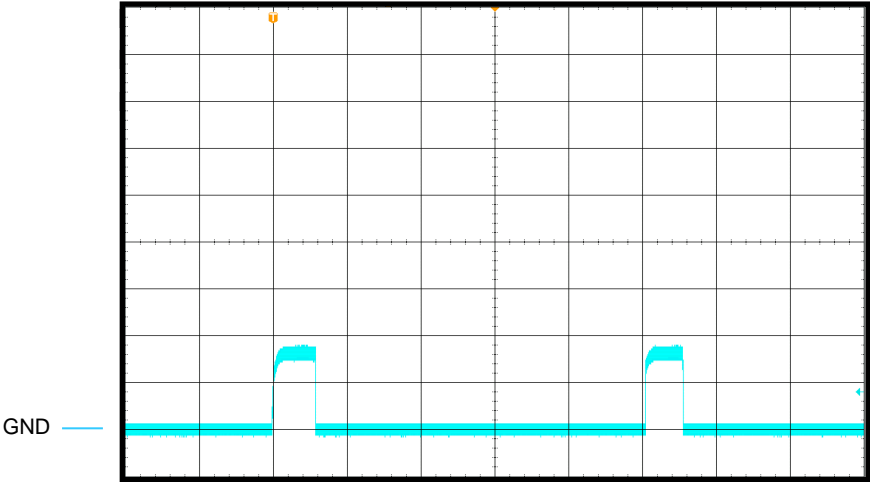
Short-circuit current : 1.8A

ON Time : 126ms

Hiccup mode time : 1022ms

Time
[200ms/div]

Output Current
[1A/div]



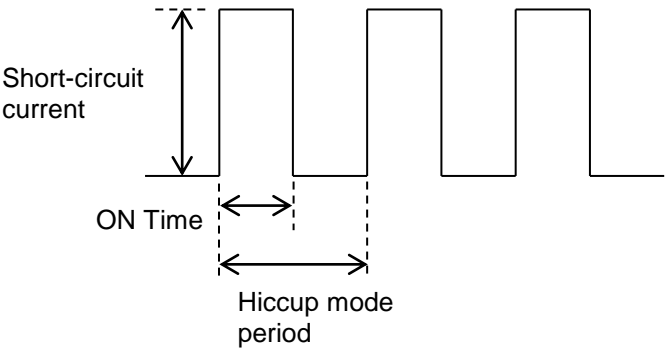
Input Voltage : 200V

Short-circuit current : 1.8A

ON Time : 116ms

Hiccup mode time : 1009ms

Time
[200ms/div]





Model	PBA50F-36																
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>1.55</td></tr><tr><td>100</td><td>1.57</td></tr><tr><td>115</td><td>1.54</td></tr><tr><td>200</td><td>1.26</td></tr><tr><td>230</td><td>1.37</td></tr><tr><td>264</td><td>1.96</td></tr></table> <div>Input Voltage [V]</div>		Input voltage [V]	Power consumption [W]	85	1.55	100	1.57	115	1.54	200	1.26	230	1.37	264	1.96	2.Values	
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Reducing standby power is possible by OFF signal of the remote control.																	

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BC-11544

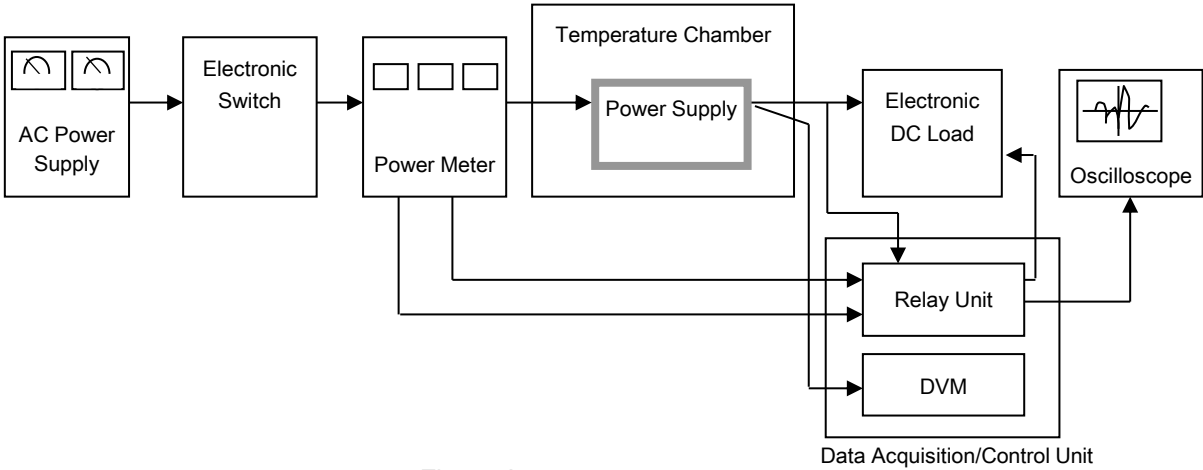


Figure A