



EXTRA TEST DATA OF PBA600F-5

Regulated DC Power Supply
Jun, 15, 2020

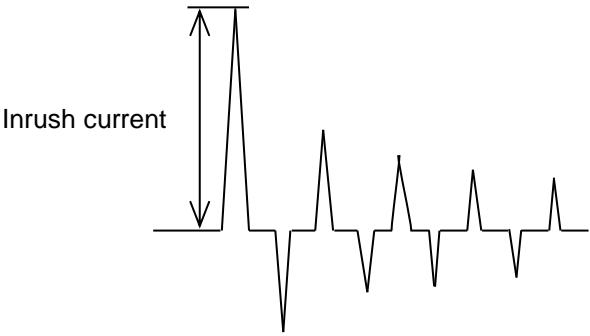
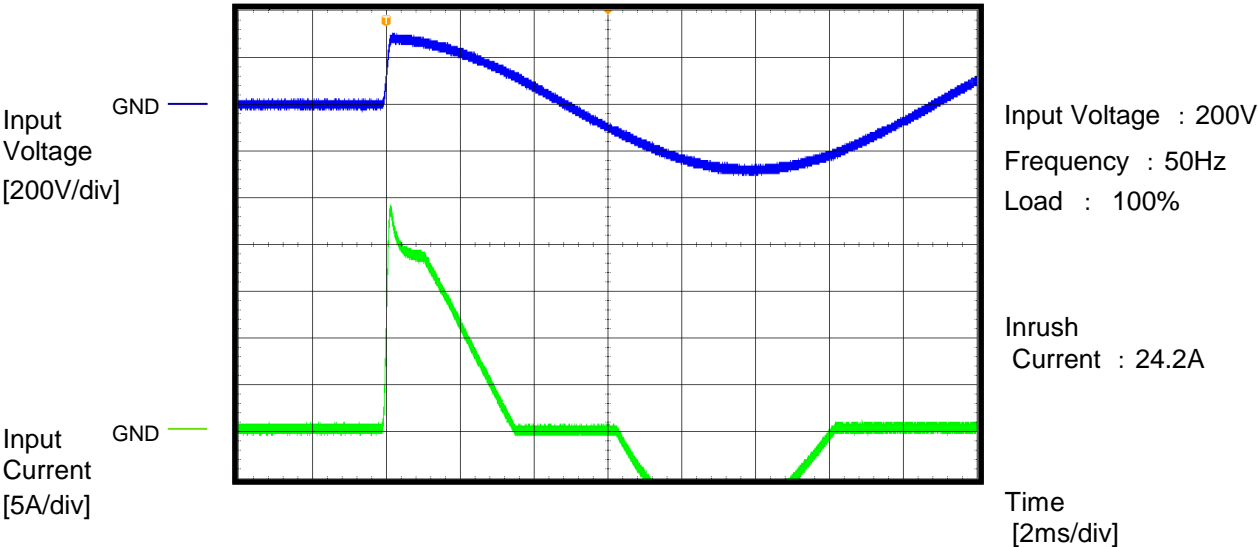
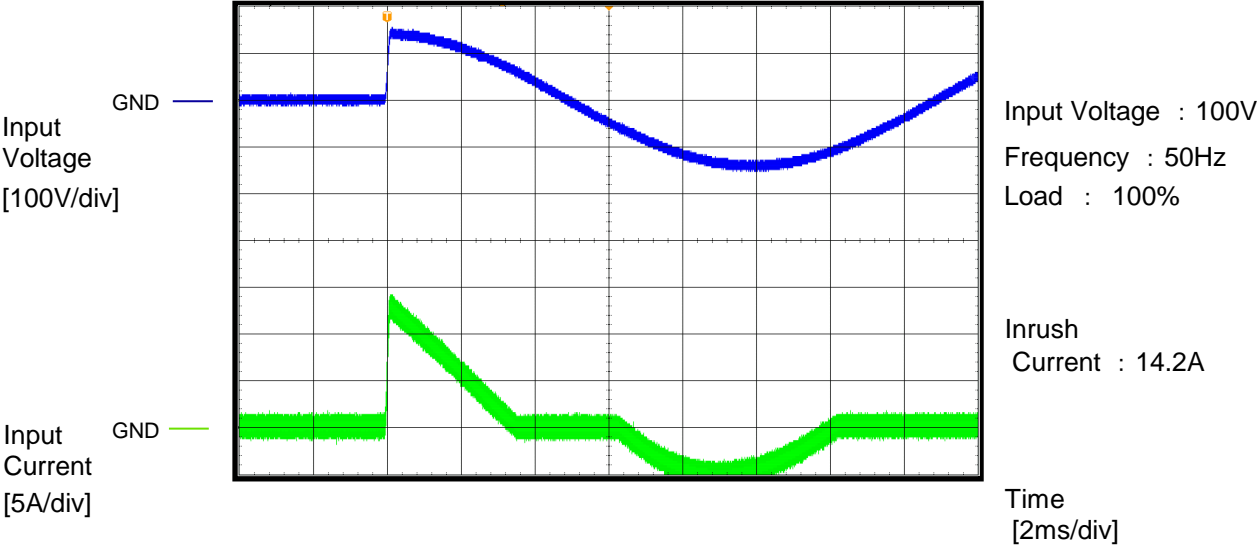
COSEL CO.,LTD.

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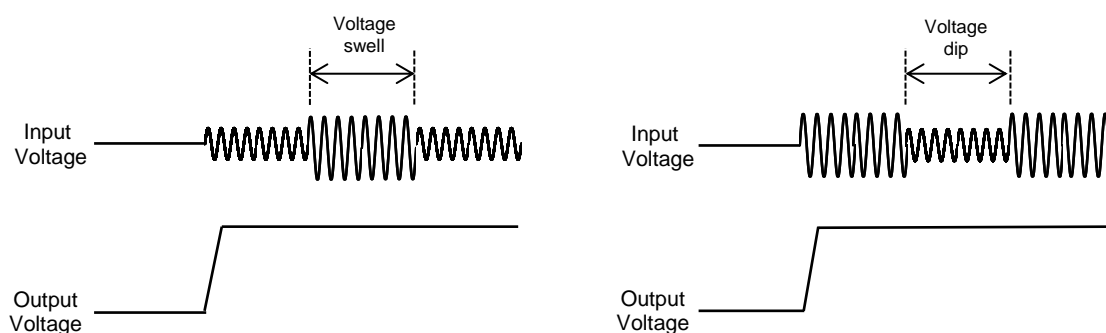
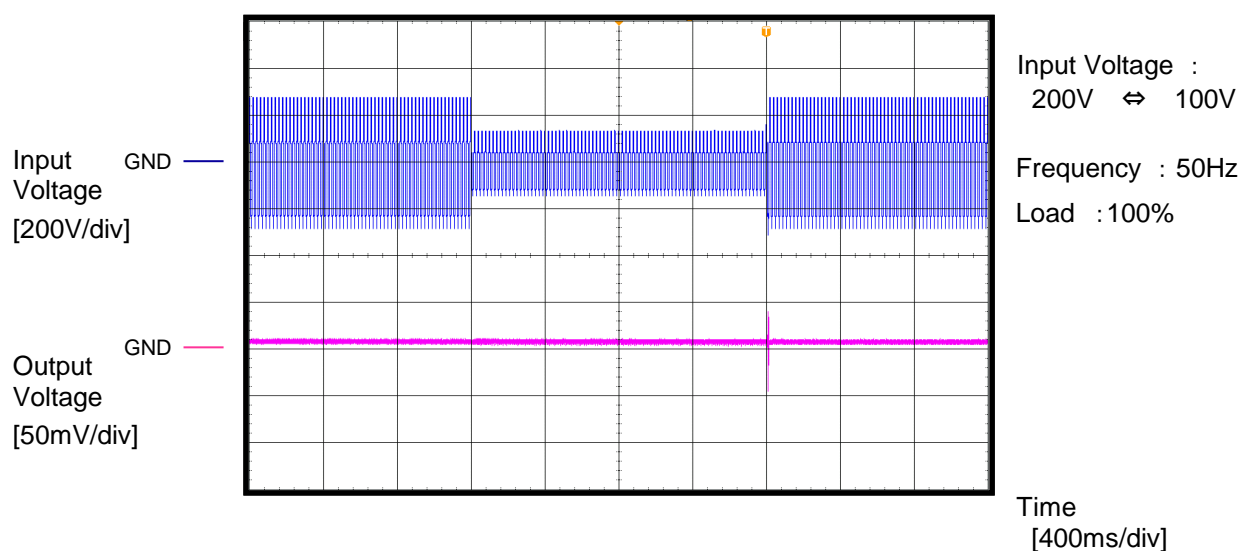
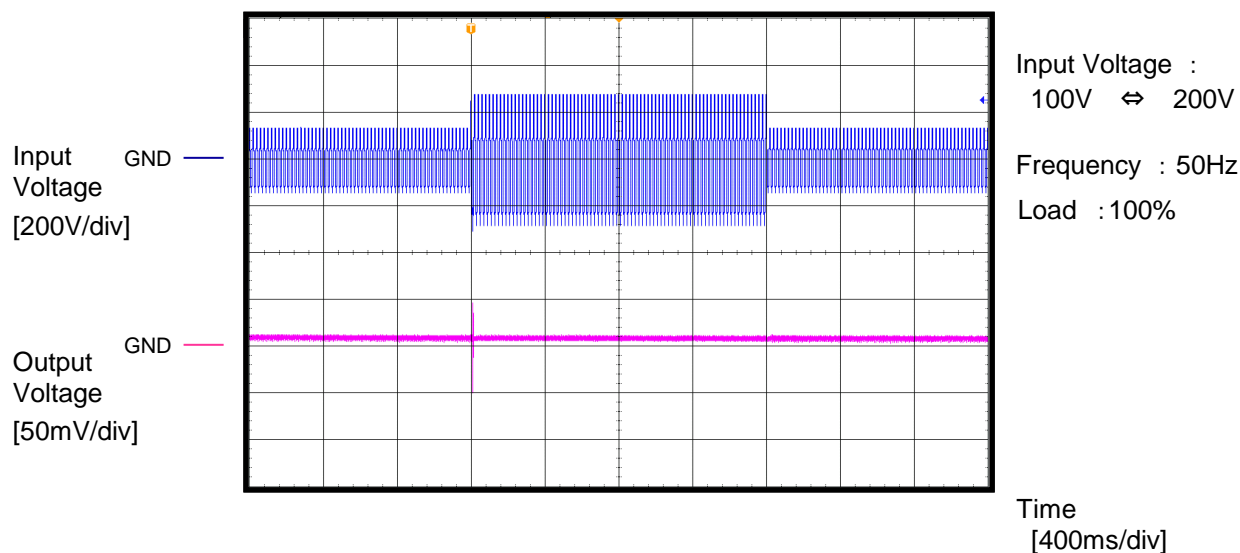
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Model	PBA600F-5		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A



Model	PBA600F-5	Temperature	25°C
Item	Dynamic Line Regulation	Testing Circuitry	A
Object	_____		

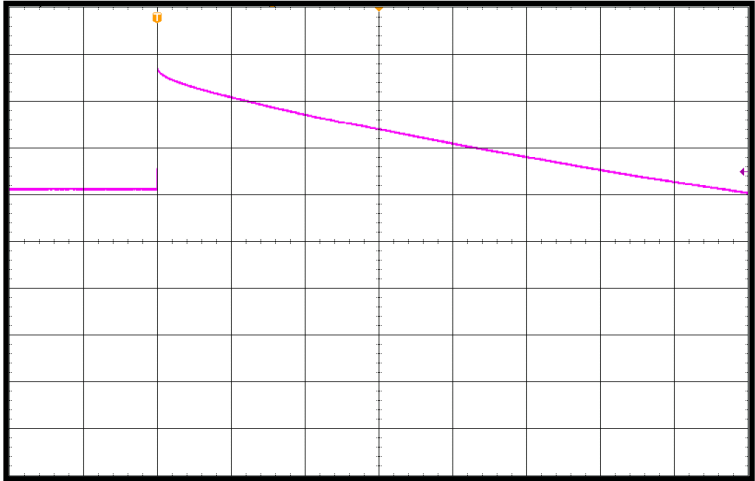




Model	PBA600F-5		
Item	Over Voltage Protection	Temperature	25°C
		Testing Circuitry	A
Object		Input Voltage : 100V	

Output Voltage
[1V/div]

GND

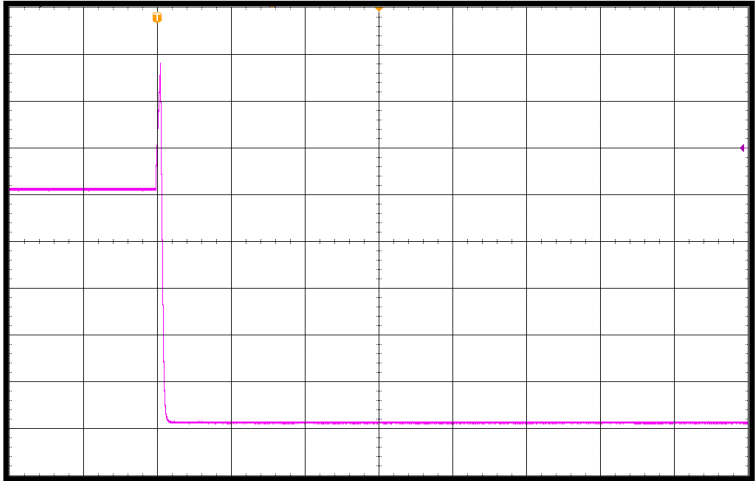


Load :0%
Overvoltage protection
value : 7.7V

Time
[40ms/div]

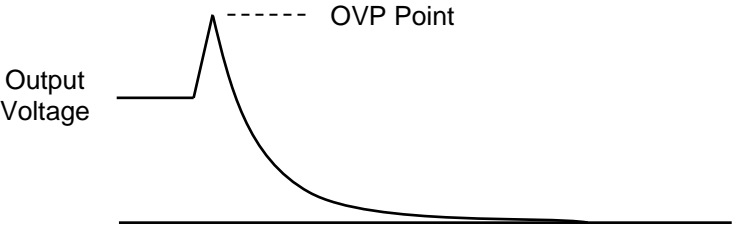
Output Voltage
[1V/div]

GND



Load :100%
Overvoltage protection
value : 7.8V

Time
[20ms/div]

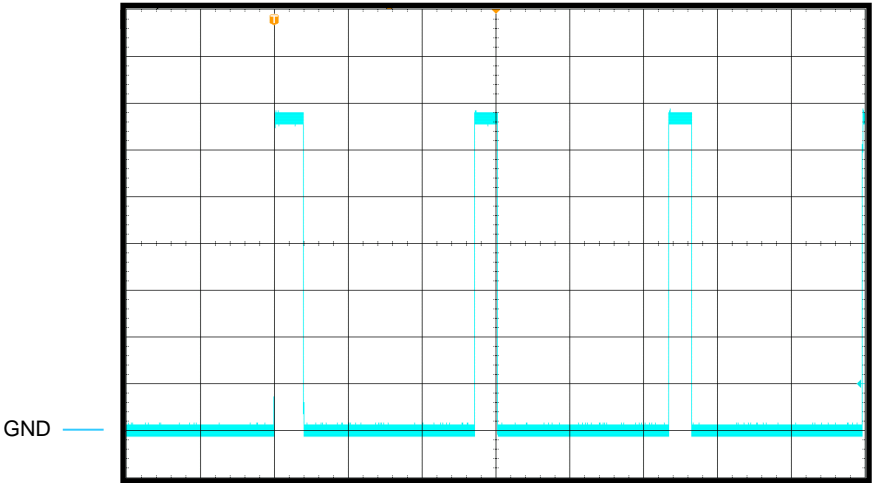


※Normal overvoltage protection circuit operation



Model	PBA600F-5		
Item	Hiccup cycle (by Overcurrent Protection)	Temperature	25°C
		Testing Circuitry	A
Object		Load : Short	

Output Current
[25A/div]



Input Voltage : 100V

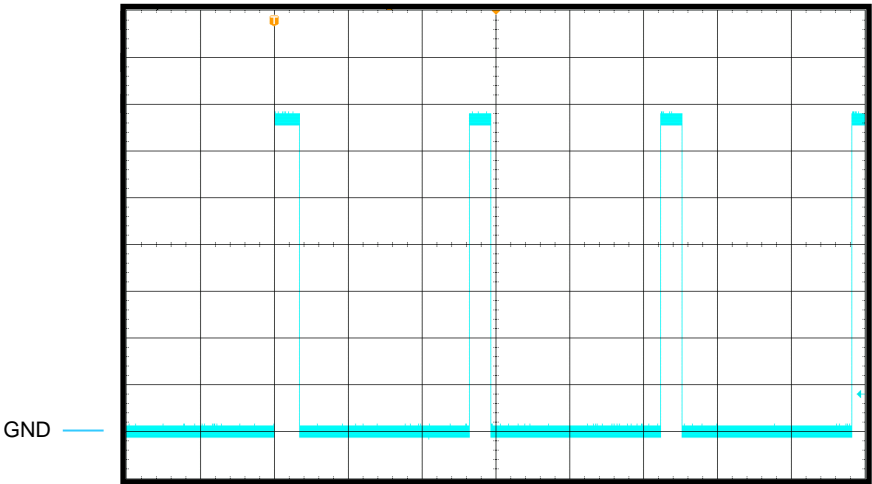
Short-circuit current : 172A

ON Time : 799ms

Hiccup mode time : 5430ms

Time
[2000ms/div]

Output Current
[25A/div]



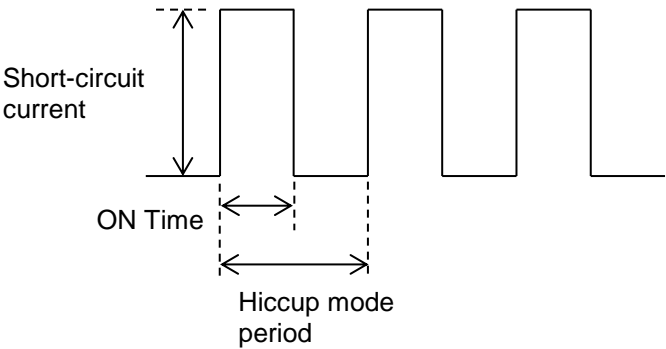
Input Voltage : 200V

Short-circuit current : 171A

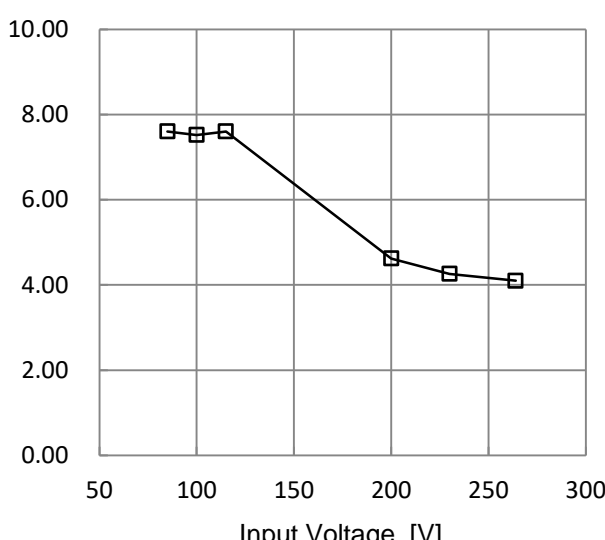
ON Time : 694ms

Hiccup mode time : 5293ms

Time
[2000ms/div]





Model	PBA600F-5																
Item	Input voltage - Power consumption	Temperature	25°C														
		Testing Circuitry	-														
Object	_____	Load :0%															
1.Graph		2.Values															
<div><div>10.00</div><div>8.00</div><div>6.00</div><div>4.00</div><div>2.00</div><div>0.00</div><div>Power consumption [W]</div><div>50</div><div>100</div><div>150</div><div>200</div><div>250</div><div>300</div><div>Input Voltage [V]</div></div>		<table><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr><tr><td>85</td><td>7.61</td></tr><tr><td>100</td><td>7.52</td></tr><tr><td>115</td><td>7.60</td></tr><tr><td>200</td><td>4.62</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	7.61	100	7.52	115	7.60	200	4.62	230	4.26	264	4.10
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Reducing standby power is possible by OFF signal of the remote control.																	

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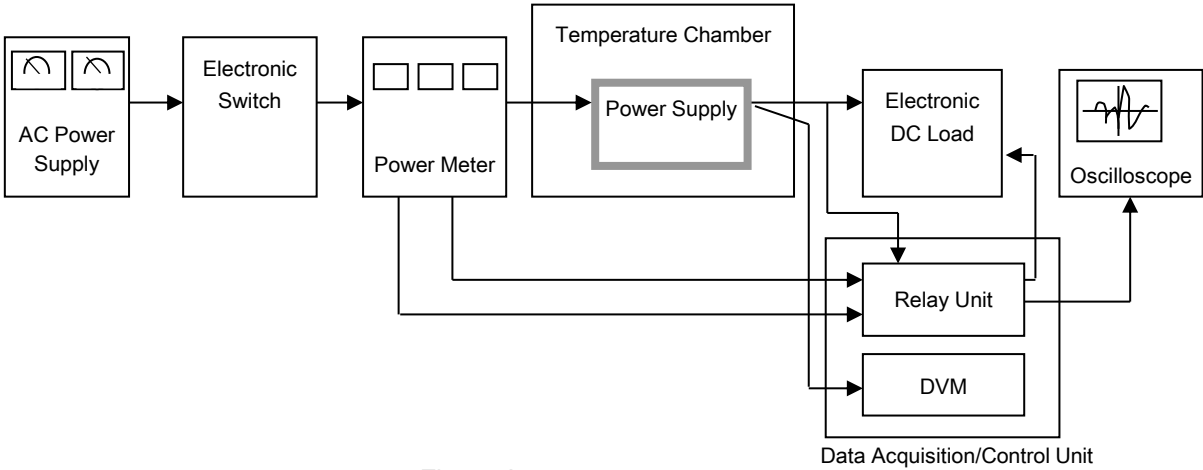


Figure A