



EXTRA TEST DATA OF PBA600F-36

*Regulated DC Power Supply
Jun, 15, 2020*

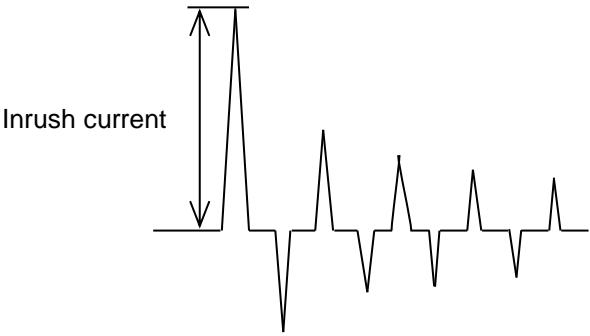
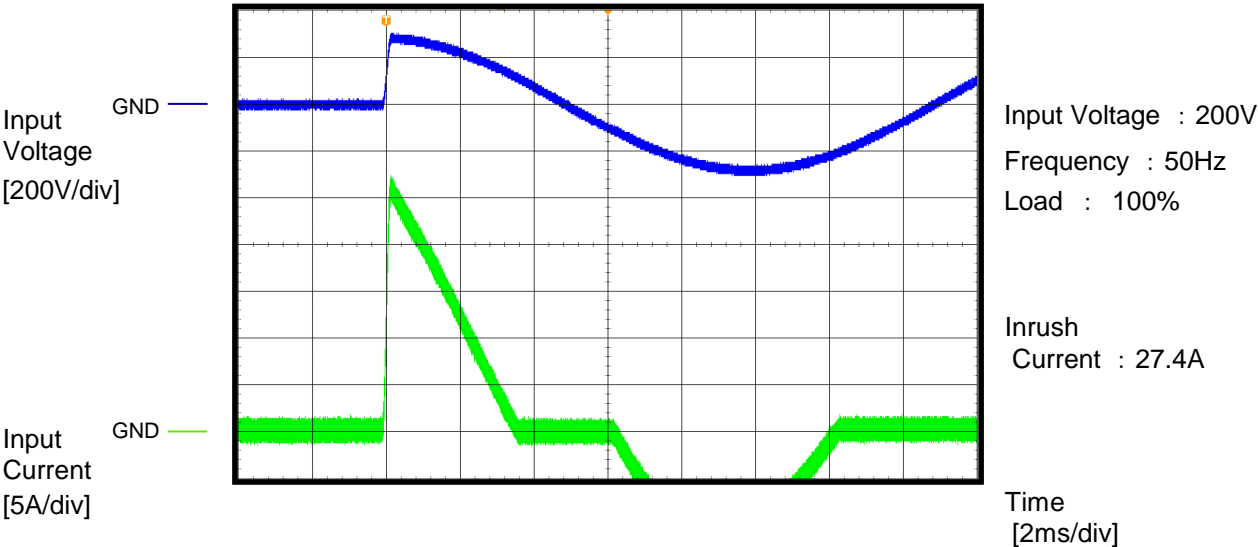
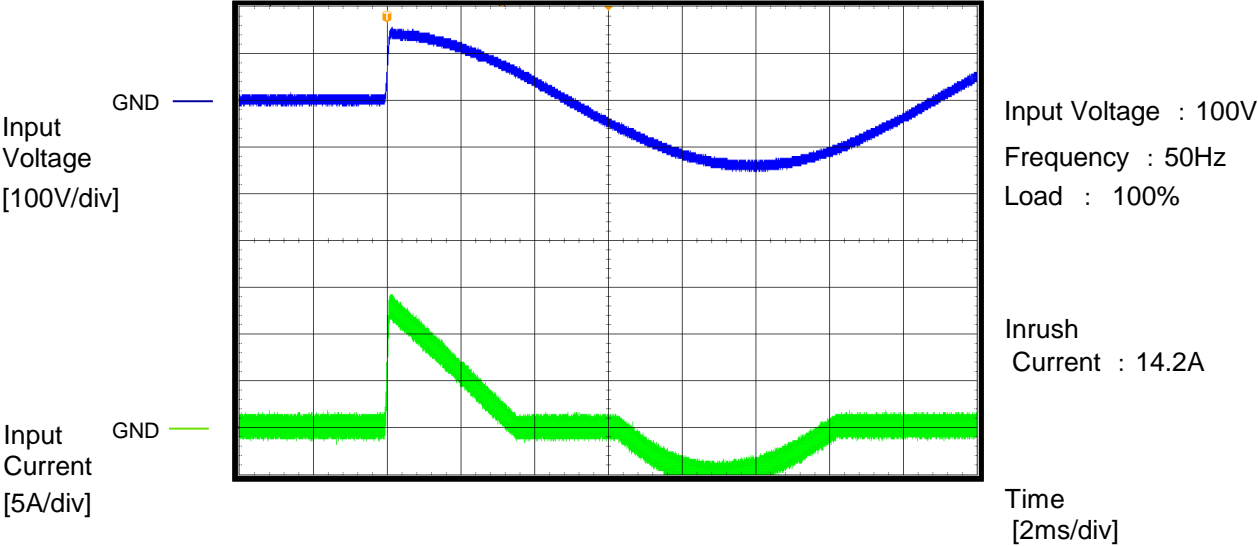
COSEL CO.,LTD.

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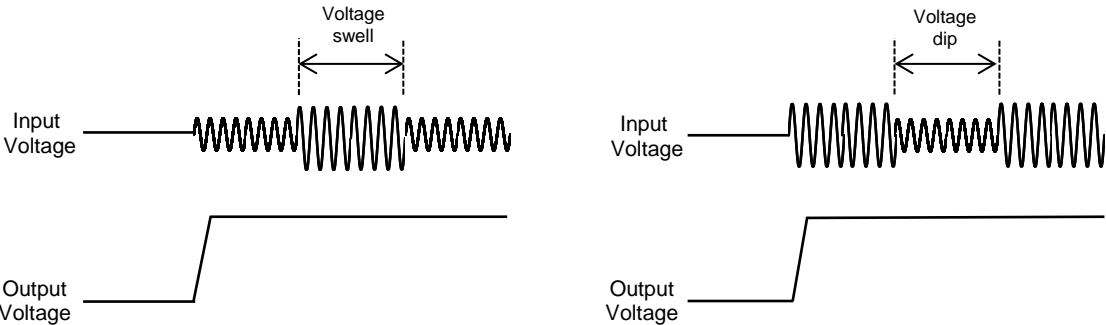
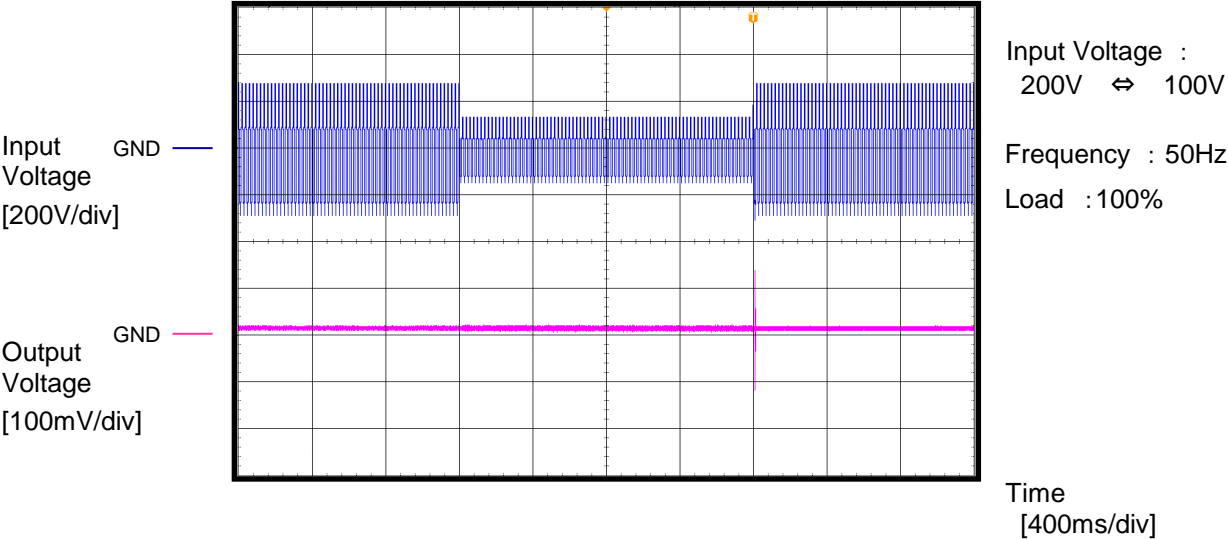
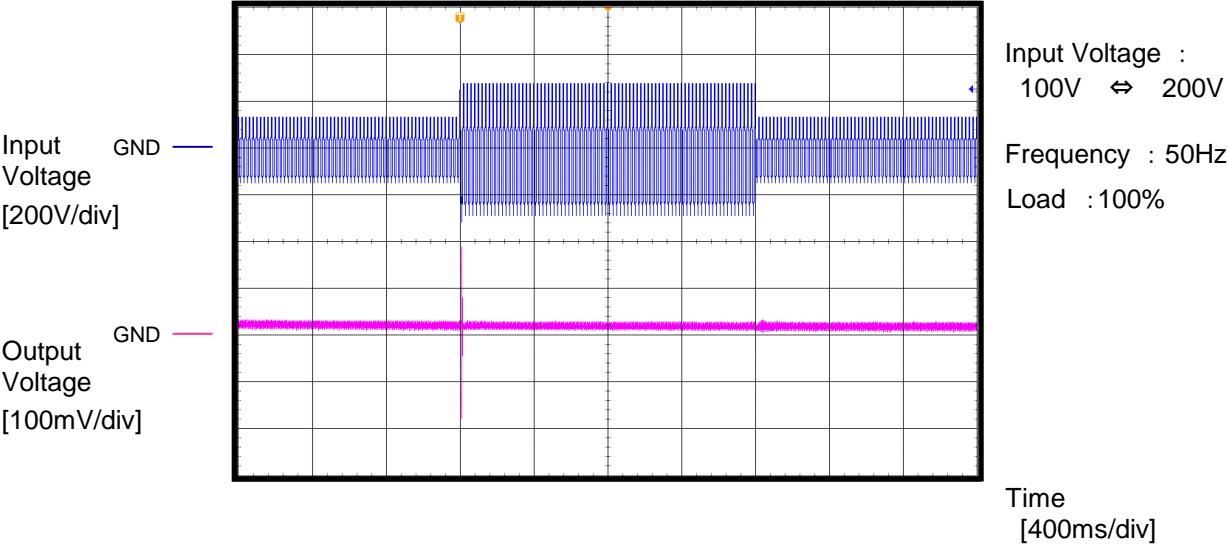


Model	PBA600F-36		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A





Model		PBA600F-36	Temperature 25°C Testing Circuitry A
Item		Dynamic Line Regulation	
Object			

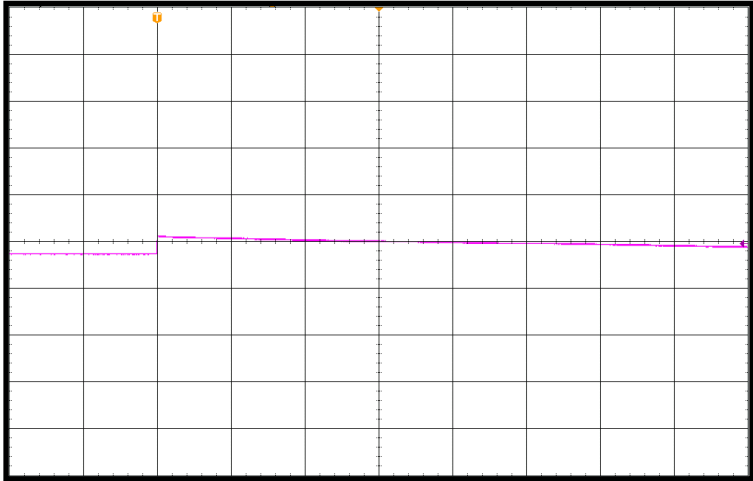




		Temperature 25°C Testing Circuitry A Input Voltage : 100V
Model	PBA600F-36	
Item	Over Voltage Protection	
Object		

Output Voltage
[10V/div]

GND

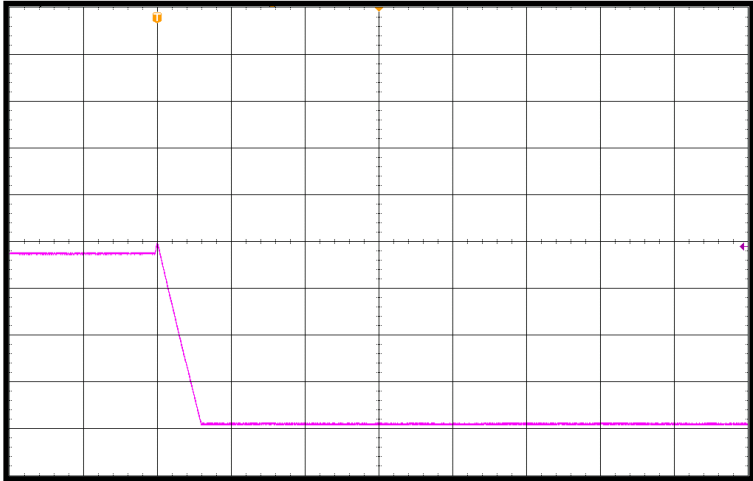


Load :0%
Overvoltage protection
value : 41.3V

Time
[40ms/div]

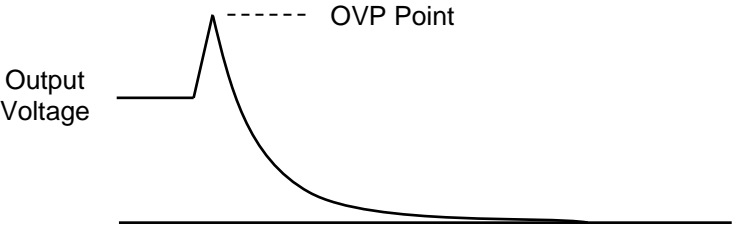
Output Voltage
[10V/div]

GND



Load :100%
Overvoltage protection
value : 39.8V

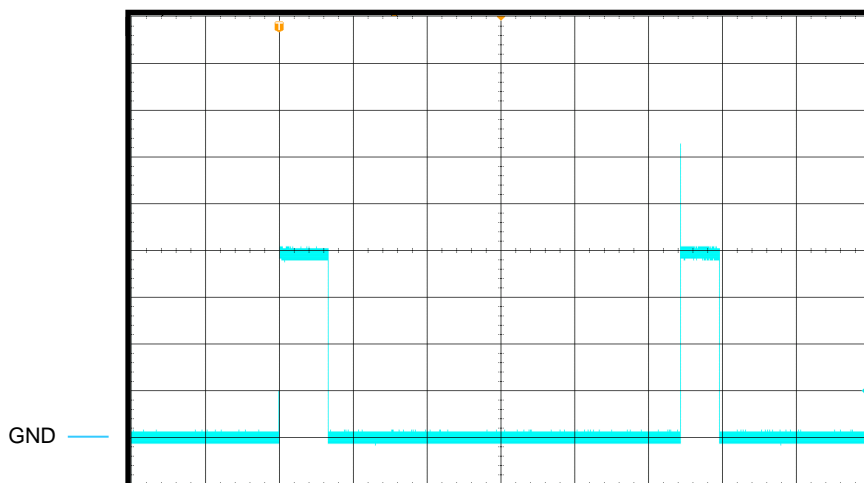
Time
[20ms/div]



※Normal overvoltage protection circuit operation

Model	PBA600F-36		
Item	Hiccup cycle (by Overcurrent Protection)	Temperature	25°C
Object		Testing Circuitry	A
		Load : Short	

Output Current
[10A/div]



Input Voltage : 100V

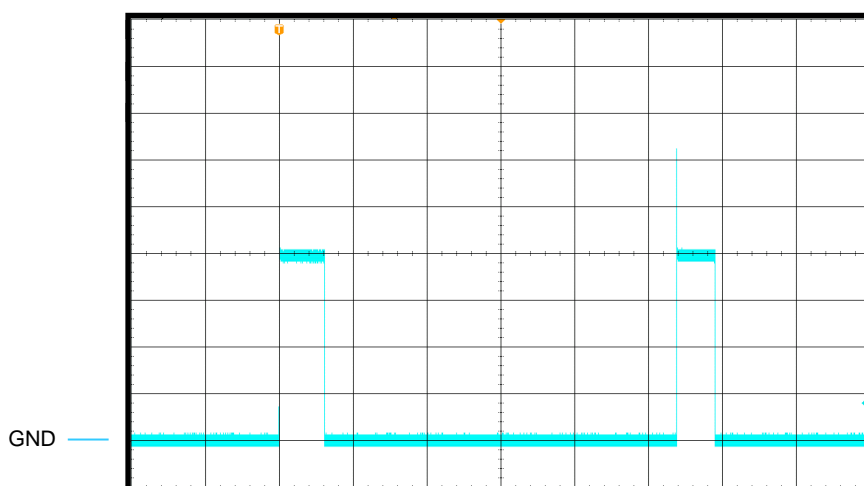
Short-circuit
current : 62.8A

ON Time : 661ms

Hiccup mode
time : 5437ms

Time
[1000ms/div]

Output Current
[10A/div]



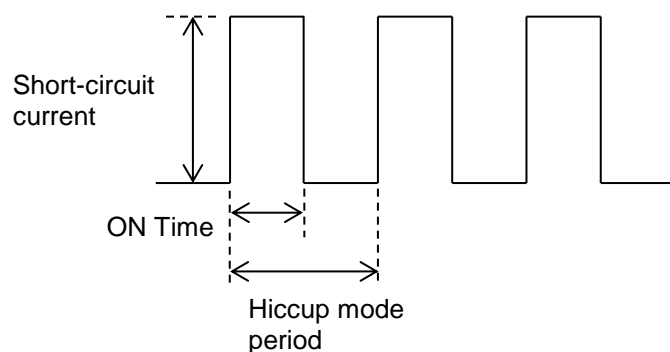
Input Voltage : 200V

Short-circuit
current : 62.4A

ON Time : 618ms

Hiccup mode
time : 5383ms

Time
[1000ms/div]





Model	PBA600F-36																
Item	Input voltage - Power consumption	Temperature	25°C														
		Testing Circuitry	-														
Object	_____	Load :0%															
1.Graph		2.Values															
<div>Power consumption [W]</div> <table><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr><tr><td>85</td><td>7.38</td></tr><tr><td>100</td><td>7.20</td></tr><tr><td>115</td><td>7.46</td></tr><tr><td>200</td><td>4.82</td></tr><tr><td>230</td><td>4.38</td></tr><tr><td>264</td><td>4.17</td></tr></table> <div>Input Voltage [V]</div>		Input voltage [V]	Power consumption [W]	85	7.38	100	7.20	115	7.46	200	4.82	230	4.38	264	4.17		
Input voltage [V]	Power consumption [W]																
85	7.38																
100	7.20																
115	7.46																
200	4.82																
230	4.38																
264	4.17																
Reducing standby power is possible by OFF signal of the remote control.																	

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BC-11584

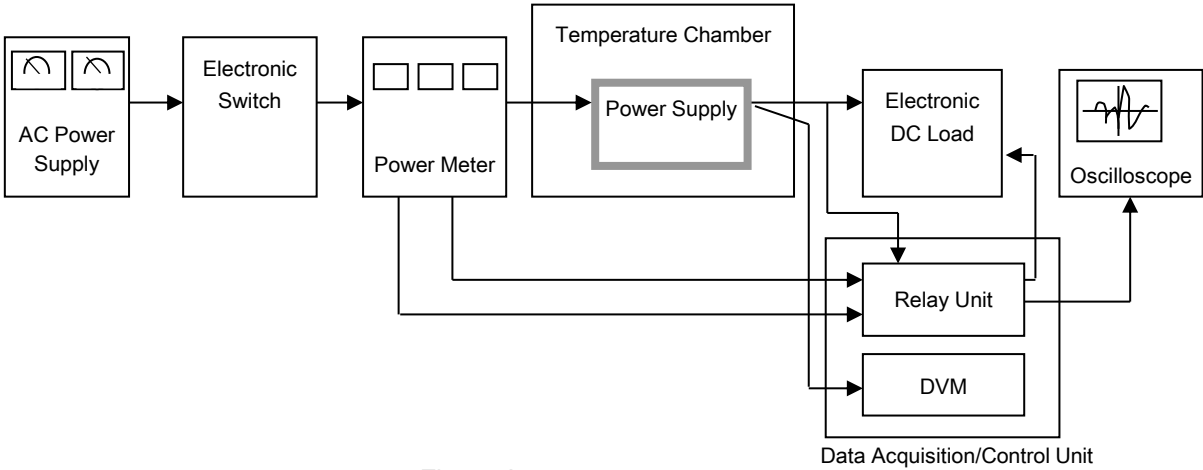


Figure A