



## ***EXTRA TEST DATA OF PBA75F-36***

*Regulated DC Power Supply  
Jun, 08, 2020*

**COSEL CO.,LTD.**

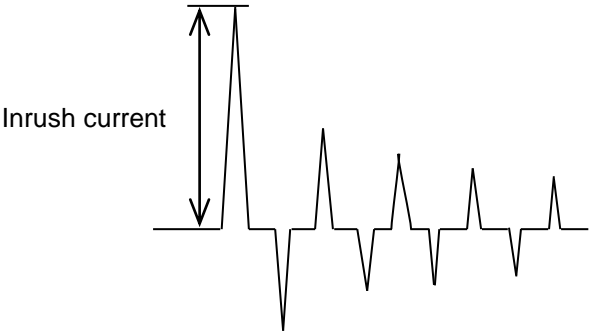
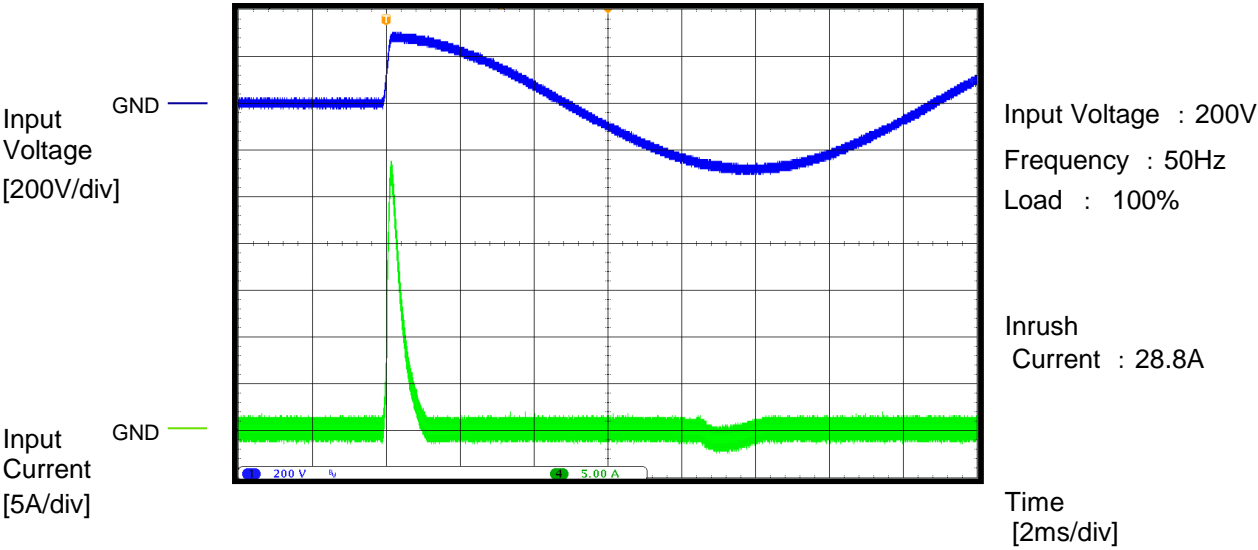
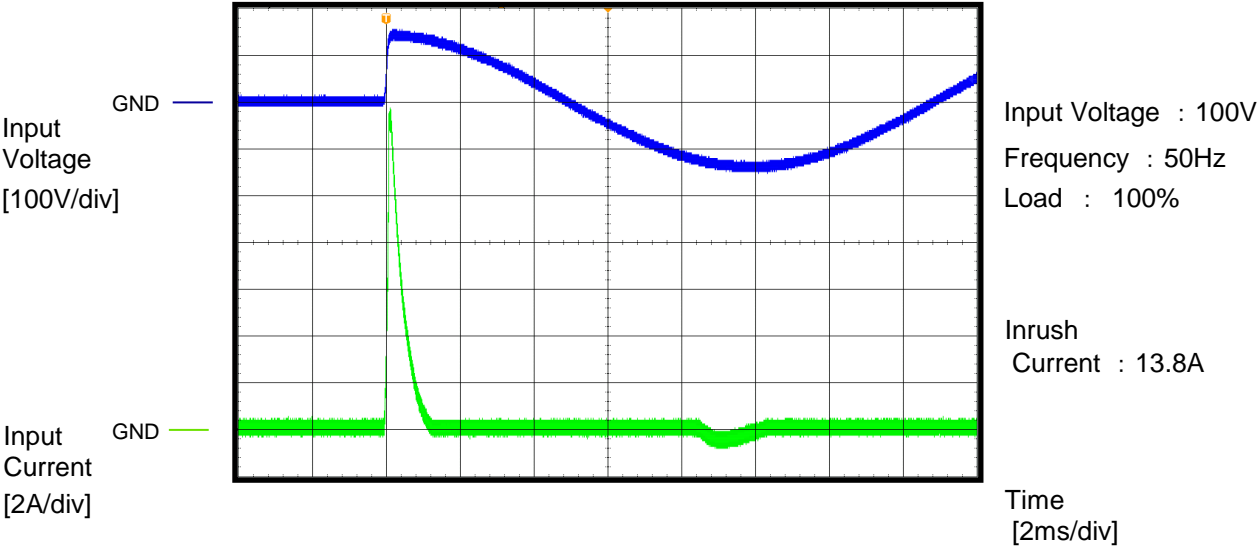
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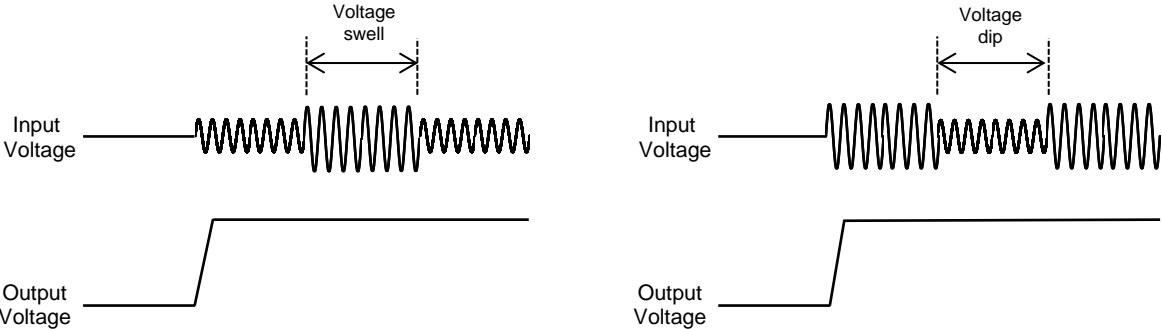
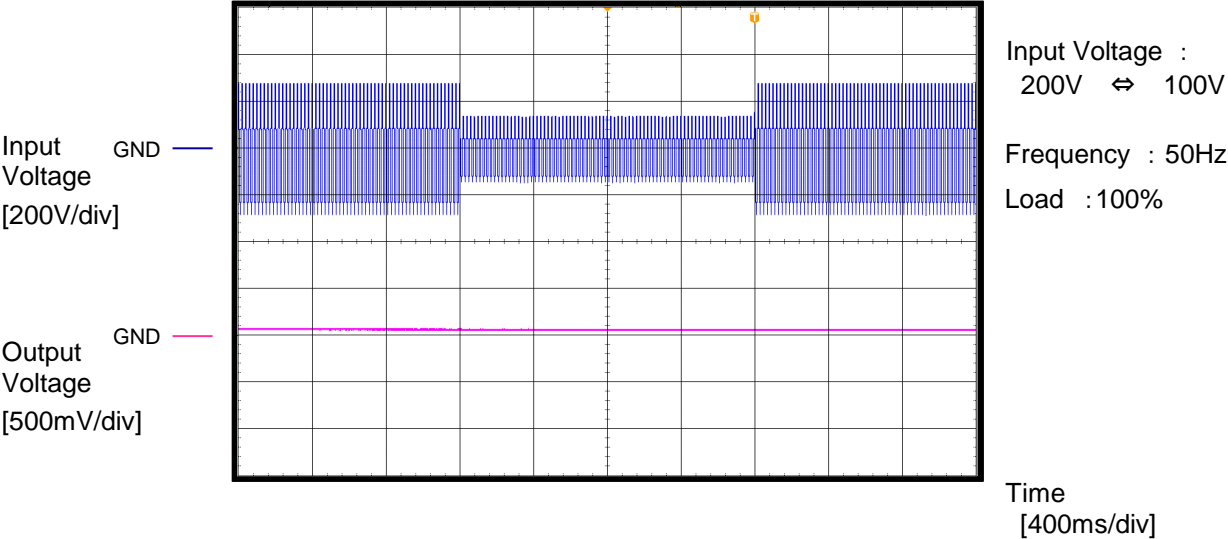
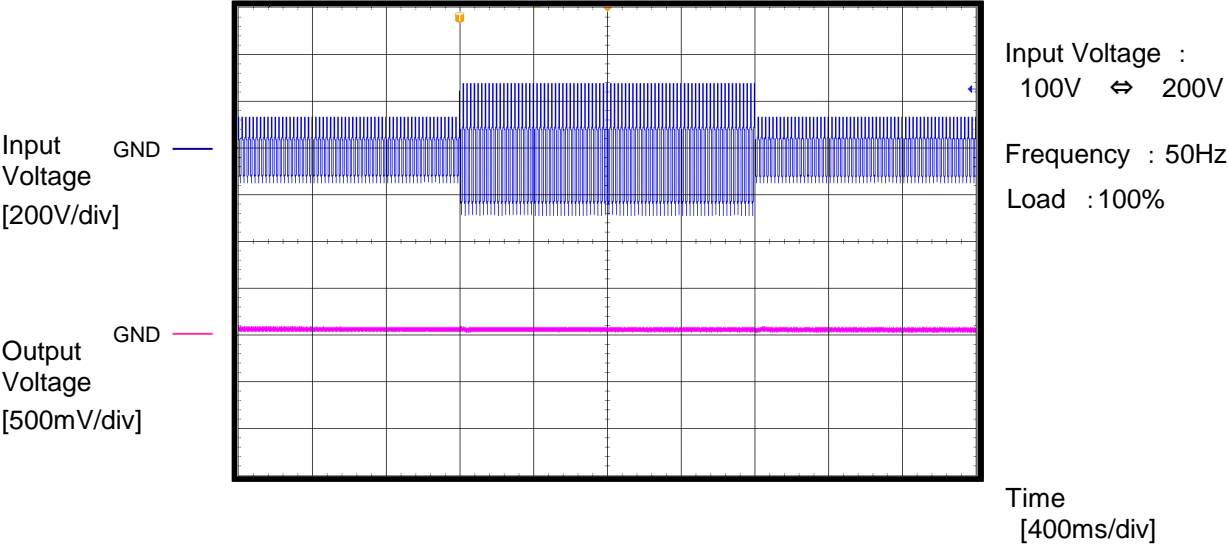


|        |                              |                   |      |
|--------|------------------------------|-------------------|------|
|        |                              |                   |      |
| Model  | PBA75F-36                    |                   |      |
| Item   | Inrush Current (enlargement) | Temperature       | 25°C |
| Object |                              | Testing Circuitry | A    |





|        |  |                         |   |
|--------|--|-------------------------|---|
| Model  |  | PBA75F-36               | Temperature 25°C<br>Testing Circuitry A |
| Item   |  | Dynamic Line Regulation |   |
| Object |  |                         |   |

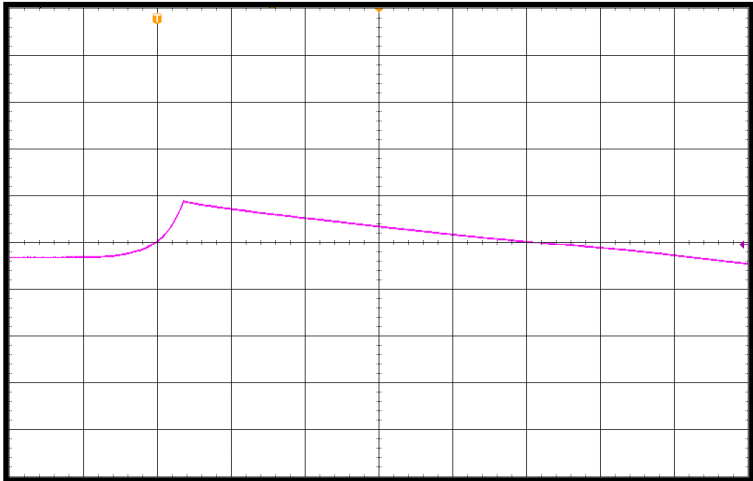




|        |                         |   |
|--------|-------------------------|---|
|        |                         | Temperature     25°C<br>Testing Circuitry   A<br><br>Input Voltage   : 100V |
| Model  | PBA75F-36               |   |
| Item   | Over Voltage Protection |   |
| Object | _____                   |   |

Output Voltage  
[10V/div]

GND

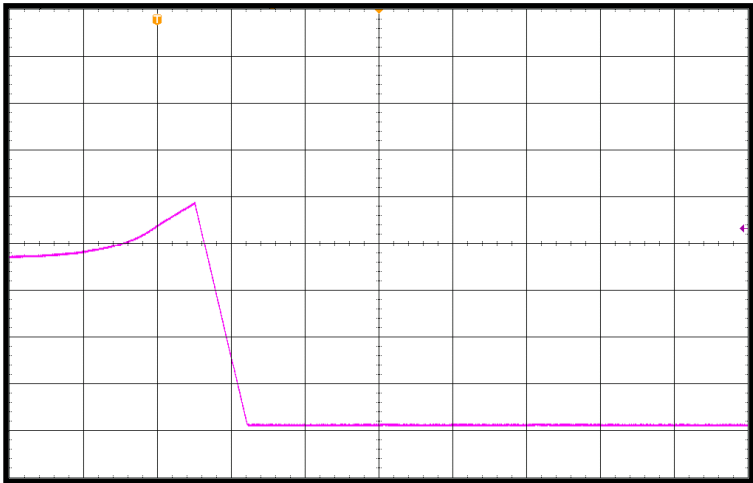


Load : 0%  
Overvoltage protection  
value : 48.9V

Time  
[40ms/div]

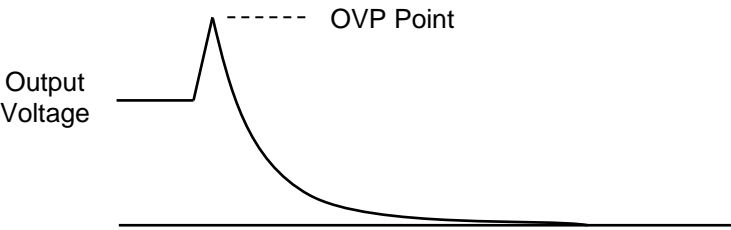
Output Voltage  
[10V/div]

GND



Load : 100%  
Overvoltage protection  
value : 48.7V

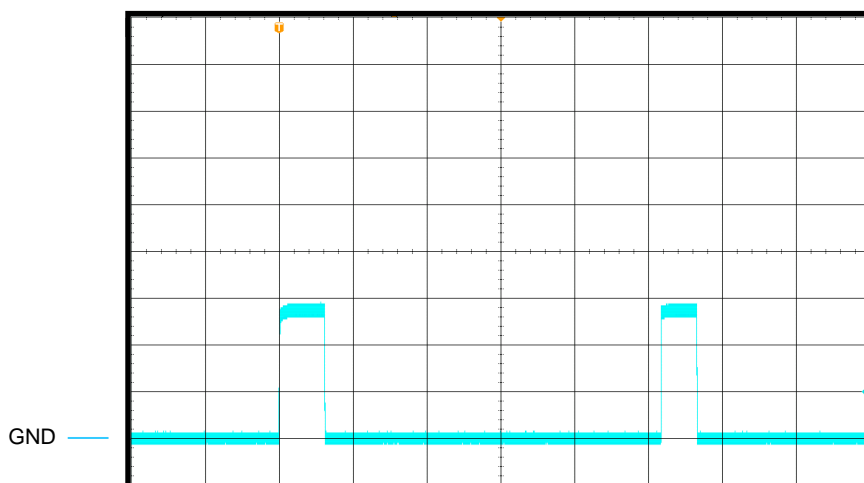
Time  
[20ms/div]





|        |  |                   |         |
|--------|--|-------------------|---------|
|        |  |                   |         |
| Model  | PBA75F-36                                | Temperature       | 25°C    |
| Item   | Hiccup cycle (by Overcurrent Protection) | Testing Circuitry | A       |
| Object | _____                                    | Load              | : Short |

Output  
Current  
[1A/div]



Input Voltage : 100V

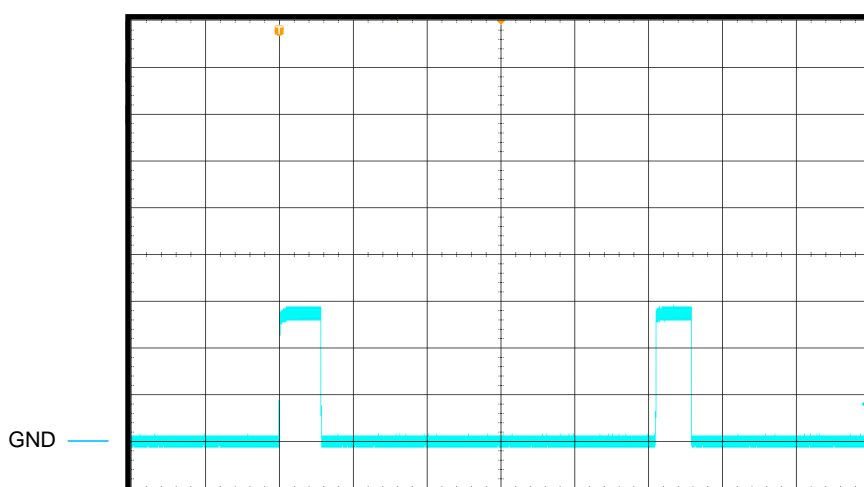
Short-circuit  
current : 2.9A

ON Time : 124ms

Hiccup mode  
time : 1034ms

Time  
[200ms/div]

Output  
Current  
[1A/div]



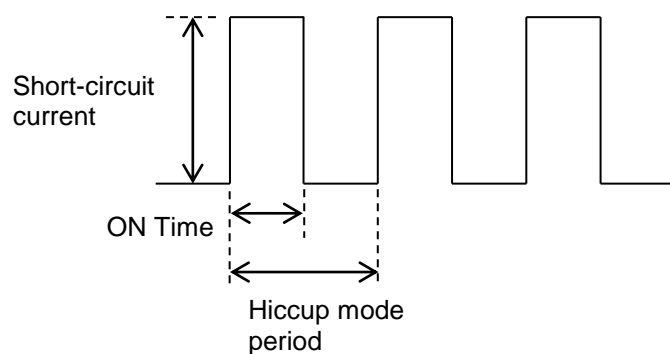
Input Voltage : 200V

Short-circuit  
current : 2.9A

ON Time : 114ms

Hiccup mode  
time : 1020ms

Time  
[200ms/div]





| Model  | PBA75F-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>0.91</td></tr><tr><td>100</td><td>0.89</td></tr><tr><td>115</td><td>0.92</td></tr><tr><td>200</td><td>1.18</td></tr><tr><td>230</td><td>1.32</td></tr><tr><td>264</td><td>2.14</td></tr></table> <div>Input Voltage [V]</div> |                                   | Input voltage [V]   | Power consumption [W] | 85                | 0.91                  | 100 | 0.89 | 115 | 0.92 | 200 | 1.18 | 230 | 1.32 | 264 | 2.14 | 2.Values |      |
| Input voltage [V]  | Power consumption [W]             |   |                       |                   |                       |     |      |     |      |     |      |     |      |     |      |          |      |
| 85   | 0.91                              |   |                       |                   |                       |     |      |     |      |     |      |     |      |     |      |          |      |
| 100  | 0.89                              |   |                       |                   |                       |     |      |     |      |     |      |     |      |     |      |          |      |
| 115  | 0.92                              |   |                       |                   |                       |     |      |     |      |     |      |     |      |     |      |          |      |
| 200  | 1.18                              |   |                       |                   |                       |     |      |     |      |     |      |     |      |     |      |          |      |
| 230  | 1.32                              |   |                       |                   |                       |     |      |     |      |     |      |     |      |     |      |          |      |
| 264  | 2.14                              |   |                       |                   |                       |     |      |     |      |     |      |     |      |     |      |          |      |
|  |                                   | <table><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr><tr><td>85</td><td>0.91</td></tr><tr><td>100</td><td>0.89</td></tr><tr><td>115</td><td>0.92</td></tr><tr><td>200</td><td>1.18</td></tr><tr><td>230</td><td>1.32</td></tr><tr><td>264</td><td>2.14</td></tr></table> |                       | Input voltage [V] | Power consumption [W] | 85  | 0.91 | 100 | 0.89 | 115 | 0.92 | 200 | 1.18 | 230 | 1.32 | 264      | 2.14 |
| Input voltage [V]  | Power consumption [W]             |   |                       |                   |                       |     |      |     |      |     |      |     |      |     |      |          |      |
| 85   | 0.91                              |   |                       |                   |                       |     |      |     |      |     |      |     |      |     |      |          |      |
| 100  | 0.89                              |   |                       |                   |                       |     |      |     |      |     |      |     |      |     |      |          |      |
| 115  | 0.92                              |   |                       |                   |                       |     |      |     |      |     |      |     |      |     |      |          |      |
| 200  | 1.18                              |   |                       |                   |                       |     |      |     |      |     |      |     |      |     |      |          |      |
| 230  | 1.32                              |   |                       |                   |                       |     |      |     |      |     |      |     |      |     |      |          |      |
| 264  | 2.14                              |   |                       |                   |                       |     |      |     |      |     |      |     |      |     |      |          |      |
| Reducing standby power is possible by OFF signal of the remote control.  |                                   |   |                       |                   |                       |     |      |     |      |     |      |     |      |     |      |          |      |

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BC-11552

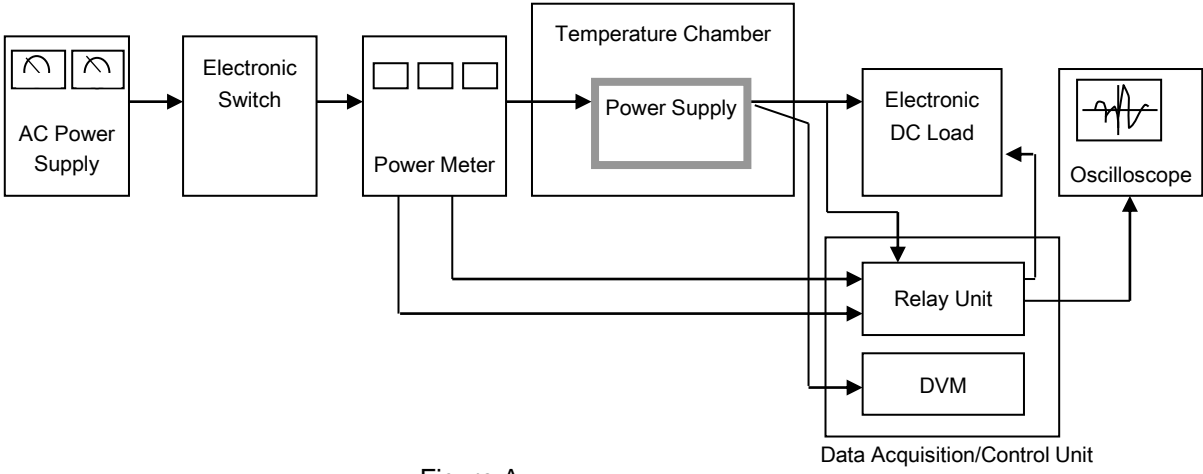


Figure A