



EXTRA TEST DATA OF PCA1500F-5

Regulated DC Power Supply
Nov, 20, 2023

COSEL CO.,LTD.

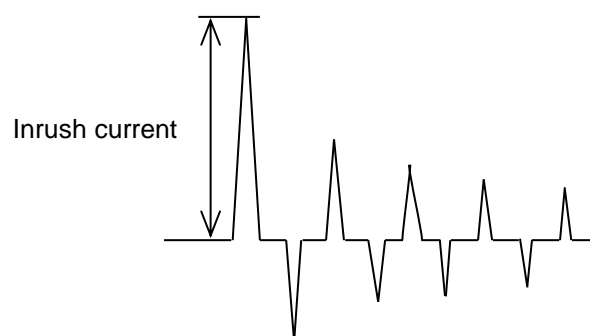
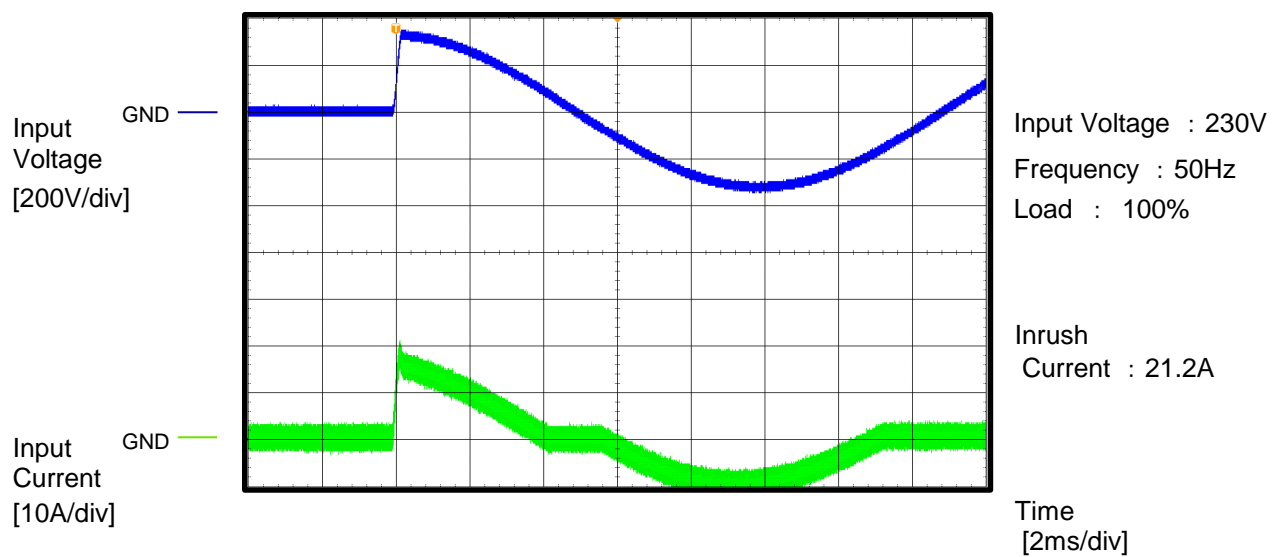
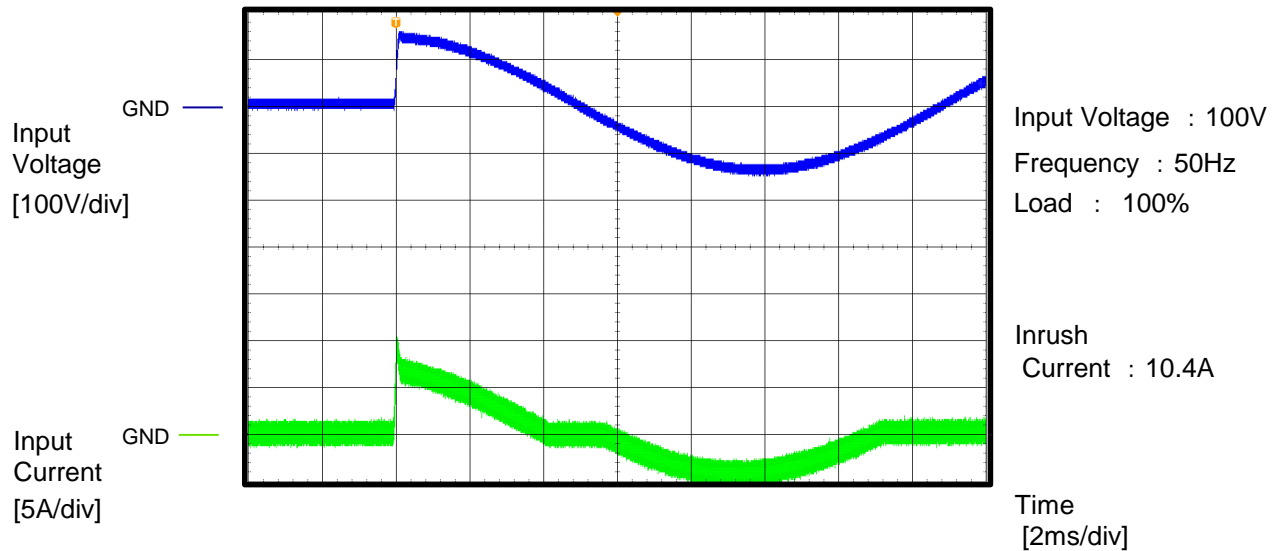
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| | | | |
|--------|------------------------------|-------------------|------|
| | | | |
| Model | PCA1500F-5 | | |
| Item | Inrush Current (enlargement) | Temperature | 25°C |
| Object | _____ | Testing Circuitry | A |

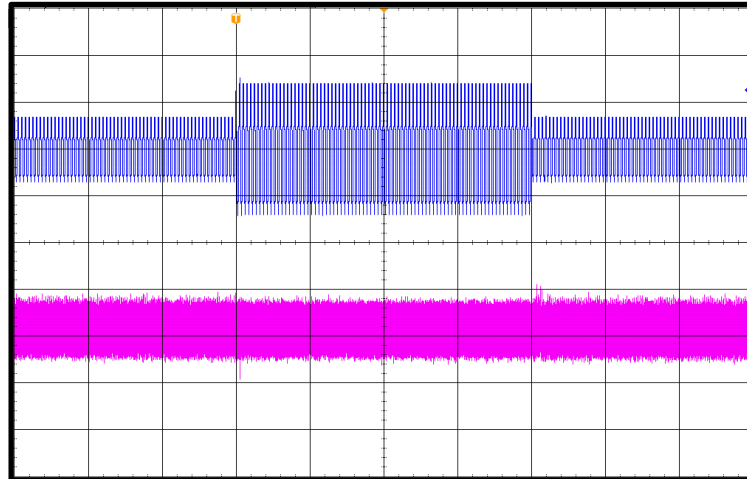


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|--------|-------------------------|---|--|
| | | | |
| Model | PCA1500F-5 | Temperature 25°C Testing Circuitry A | |
| Item | Dynamic Line Regulation | | |
| Object | _____ | | |

Input Voltage
[200V/div]

Output Voltage
[50mV/div]



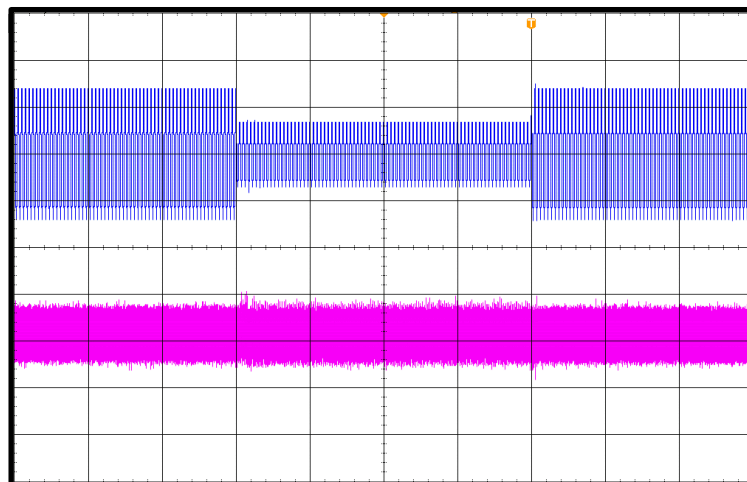
Input Voltage :
100V \Leftrightarrow 230V

Frequency : 50Hz
Load : 100%

Time
[400ms/div]

Input Voltage
[200V/div]

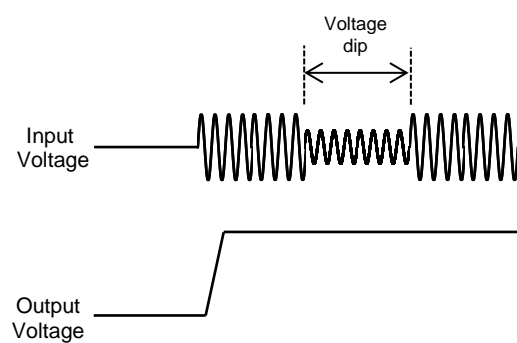
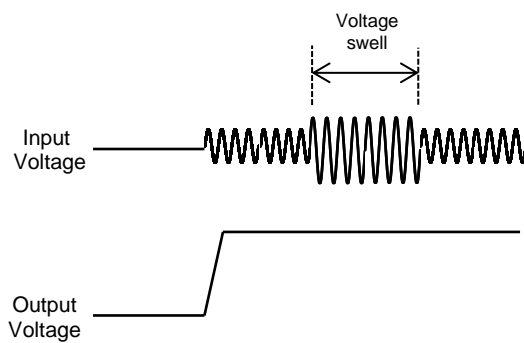
Output Voltage
[50mV/div]



Input Voltage :
230V \Leftrightarrow 100V

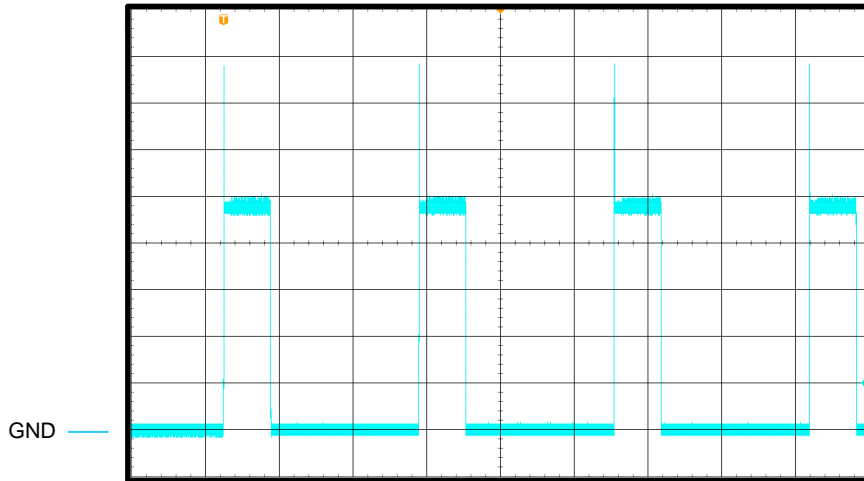
Frequency : 50Hz
Load : 100%

Time
[400ms/div]



| | | | |
|--------|--|-------------------|---------|
| | | | |
| Model | PCA1500F-5 | Temperature | 25°C |
| Item | Hiccup cycle (by Overcurrent Protection) | Testing Circuitry | A |
| Object | | Load | : Short |

Output Current
[50A/div]



Input Voltage : 100V

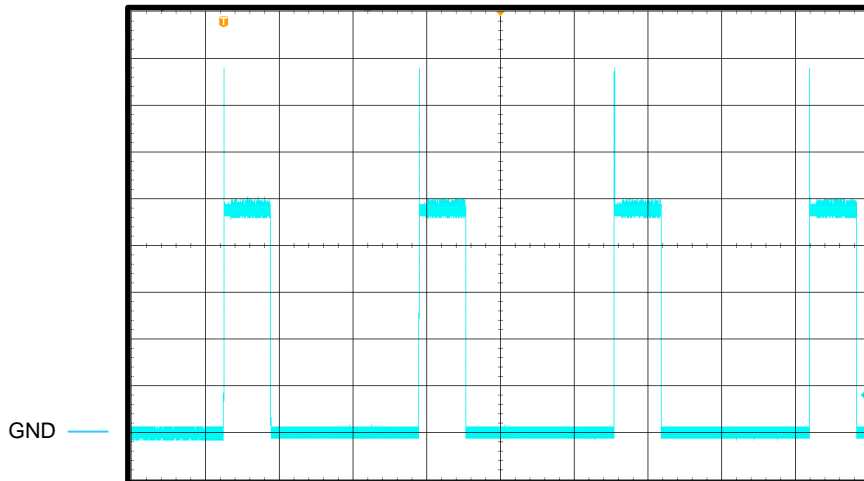
Short-circuit current : 392A

ON Time : 255ms

Hiccup mode time : 1060ms

Time
[400ms/div]

Output Current
[50A/div]



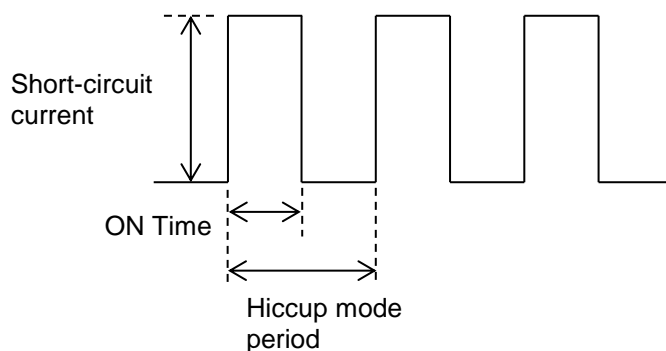
Input Voltage : 230V

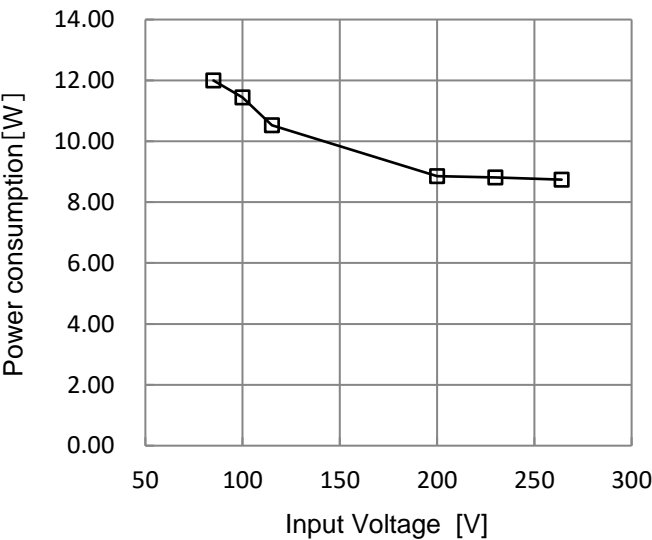
Short-circuit current : 390A

ON Time : 255ms

Hiccup mode time : 1060ms

Time
[400ms/div]



| Model | PCA1500F-5 | | | | | | | | | | | | | | | | |
|--|-----------------------------------|--|---|-------------------|-----------------------|----|-------|-----|-------|-----|-------|-----|------|-----|------|-----|------|
| Item | Input voltage - Power consumption | | Temperature 25°C Testing Circuitry - | | | | | | | | | | | | | | |
| Object | _____ | | | | | | | | | | | | | | | | |
| 1.Graph | | 2.Values | | | | | | | | | | | | | | | |
| <div></div> <p>Reducing standby power is possible by OFF signal of the remote control.</p> | | <table><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr><tr><td>85</td><td>12.00</td></tr><tr><td>100</td><td>11.44</td></tr><tr><td>115</td><td>10.53</td></tr><tr><td>200</td><td>8.86</td></tr><tr><td>230</td><td>8.81</td></tr><tr><td>264</td><td>8.74</td></tr></table> | | Input voltage [V] | Power consumption [W] | 85 | 12.00 | 100 | 11.44 | 115 | 10.53 | 200 | 8.86 | 230 | 8.81 | 264 | 8.74 |
| Input voltage [V] | Power consumption [W] | | | | | | | | | | | | | | | | |
| 85 | 12.00 | | | | | | | | | | | | | | | | |
| 100 | 11.44 | | | | | | | | | | | | | | | | |
| 115 | 10.53 | | | | | | | | | | | | | | | | |
| 200 | 8.86 | | | | | | | | | | | | | | | | |
| 230 | 8.81 | | | | | | | | | | | | | | | | |
| 264 | 8.74 | | | | | | | | | | | | | | | | |
| | | Load :0% | | | | | | | | | | | | | | | |

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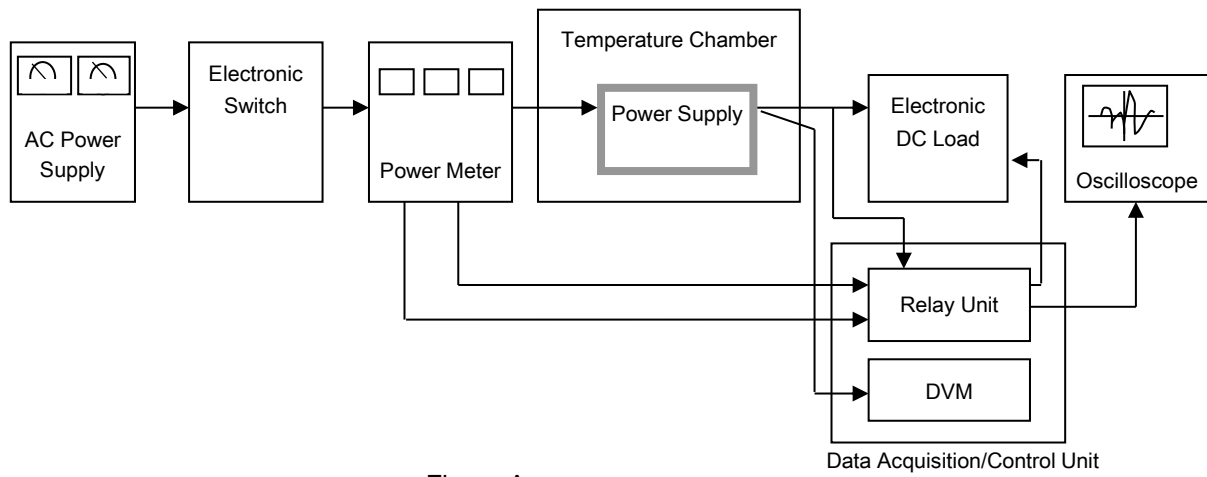


Figure A