



EXTRA TEST DATA OF PJA300F-48

Regulated DC Power Supply
Nov 20, 2021

COSEL CO.,LTD.

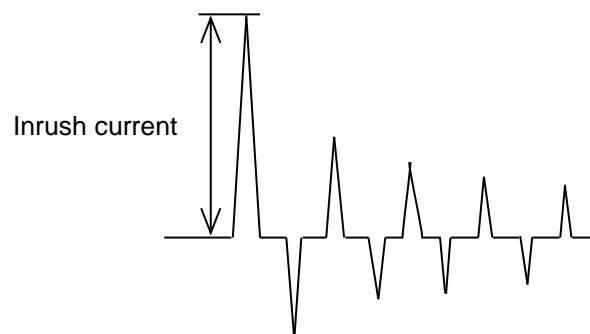
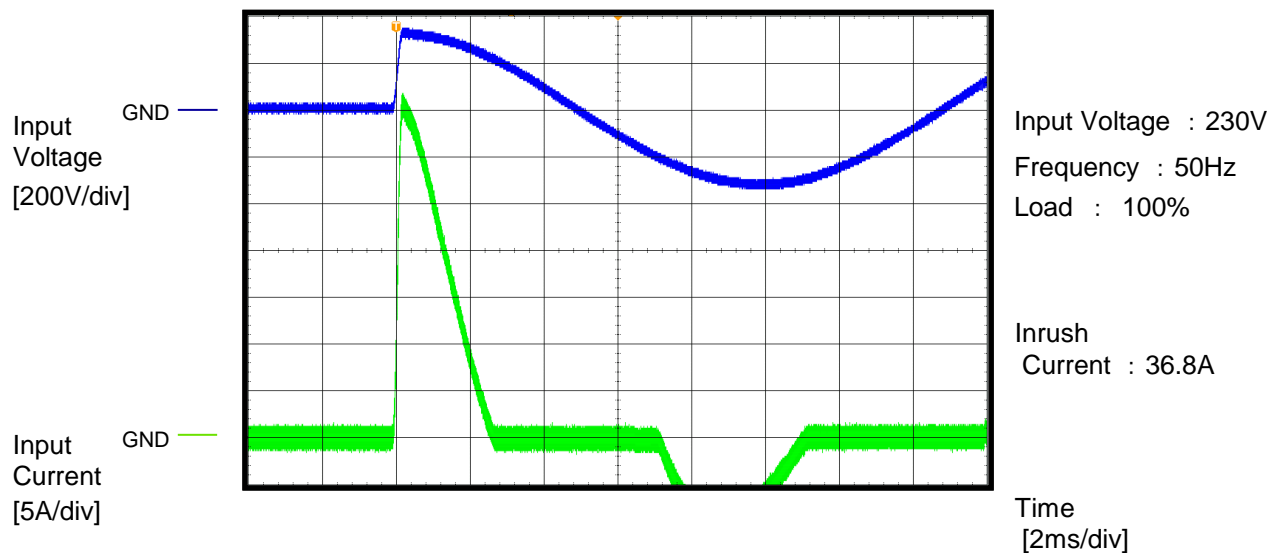
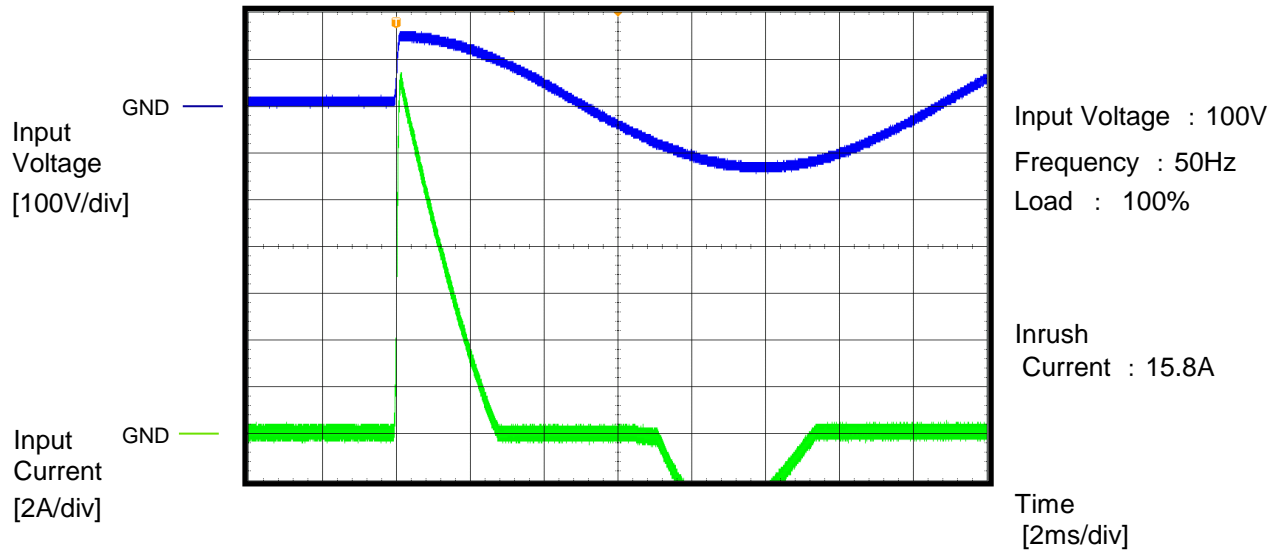
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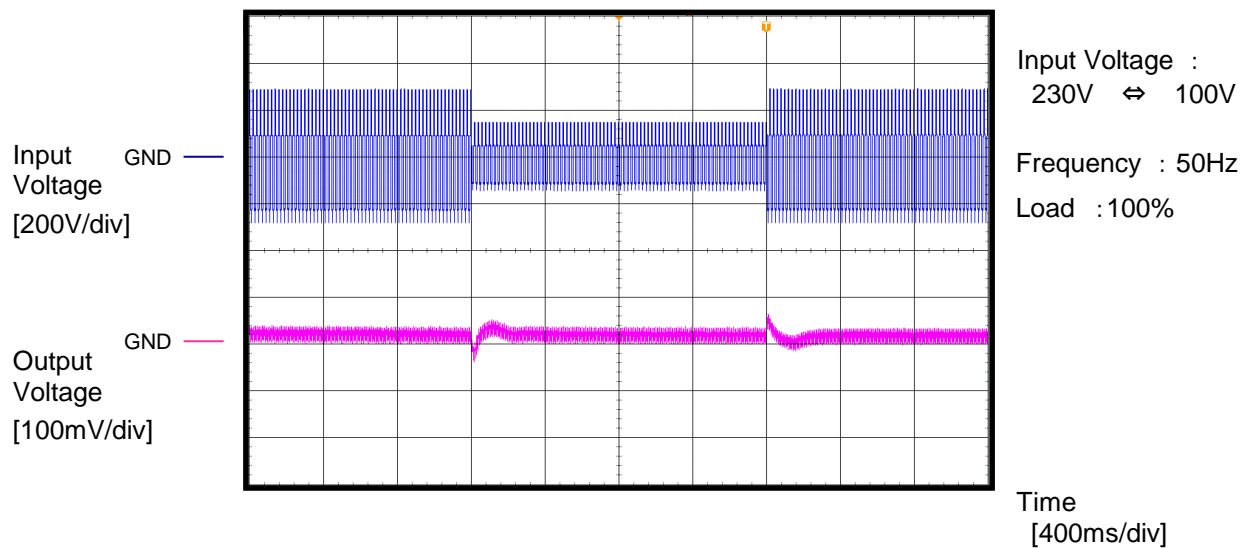
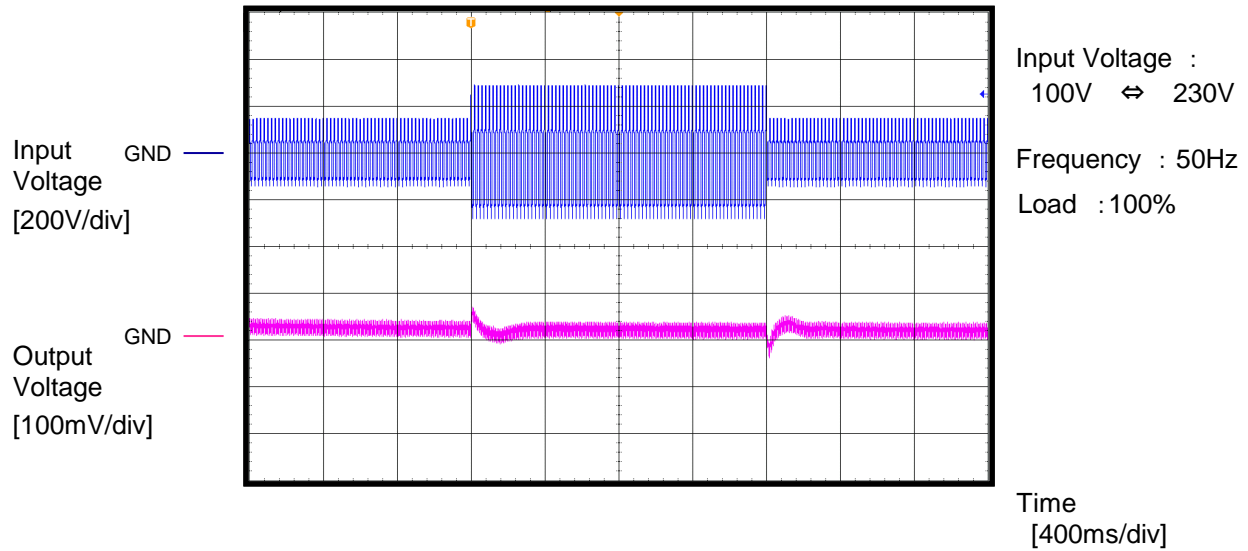
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Model	PJA300F-48	Temperature	25°C
Item	Inrush Current (enlargement)	Testing Circuitry	A
Object	_____		



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Model	PJA300F-48	Temperature	25°C
Item	Dynamic Line Regulation	Testing Circuitry	A
Object	_____		

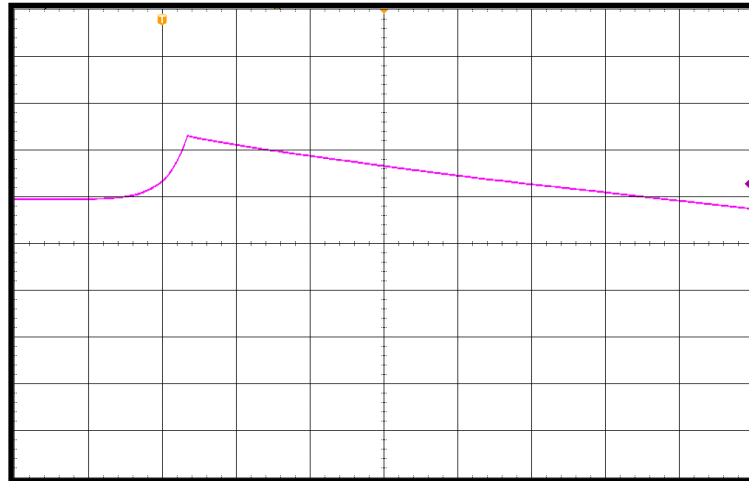


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Model	PJA300F-48	Temperature	25°C
Item	Over Voltage Protection	Testing Circuitry	A
Object	_____	Input Voltage	: 100V

Output
Voltage
[10V/div]

GND



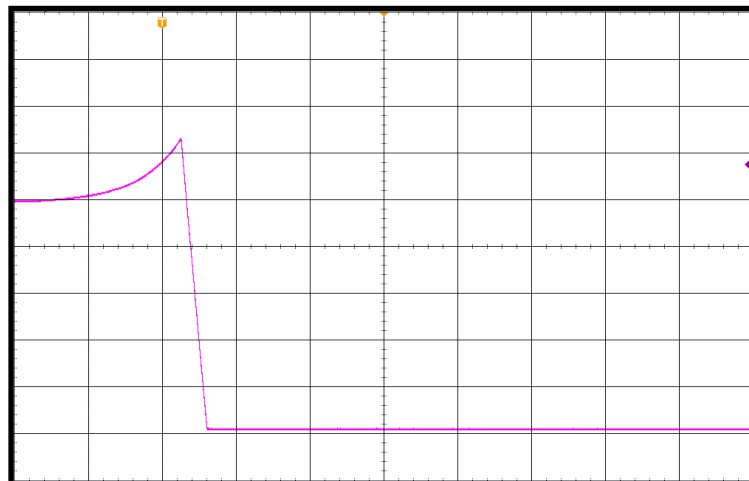
Load : 0%

Overvoltage protection
value : 63.2V

Time
[40ms/div]

Output
Voltage
[10V/div]

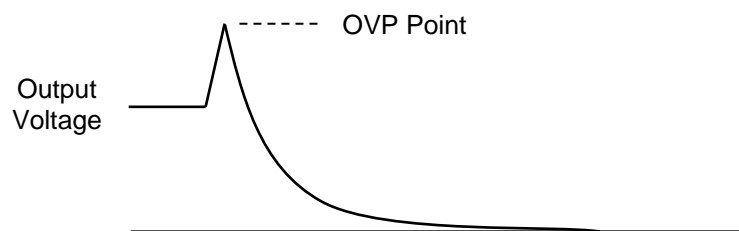
GND



Load : 100%

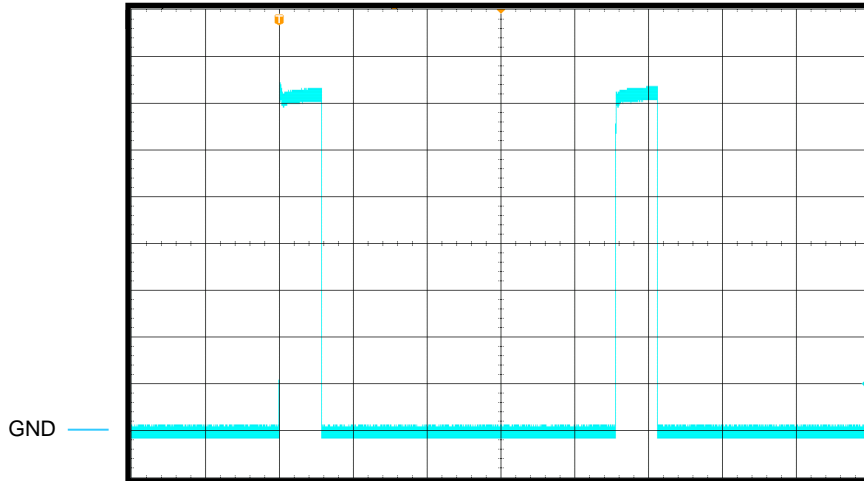
Overvoltage protection
value : 63.2V

Time
[20ms/div]



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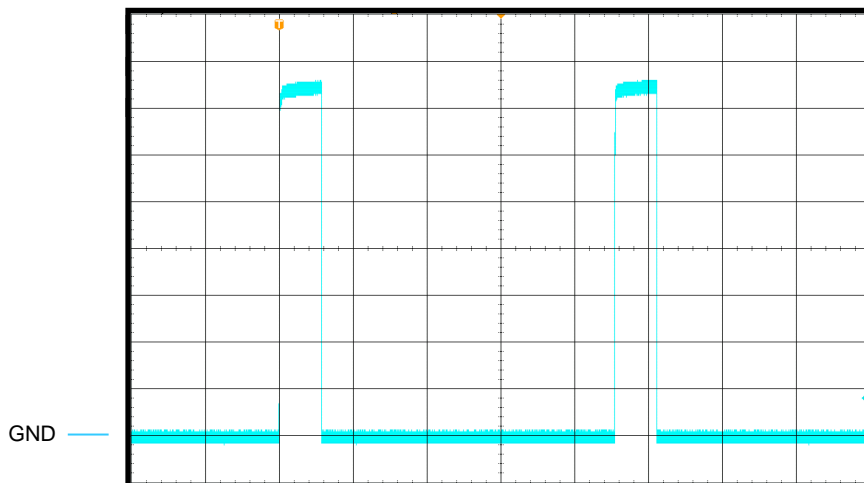
Model	PJA300F-48	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object	_____	Load	: Short

Output Current
[2A/div]

Input Voltage : 100V

Short-circuit
current : 14.9A

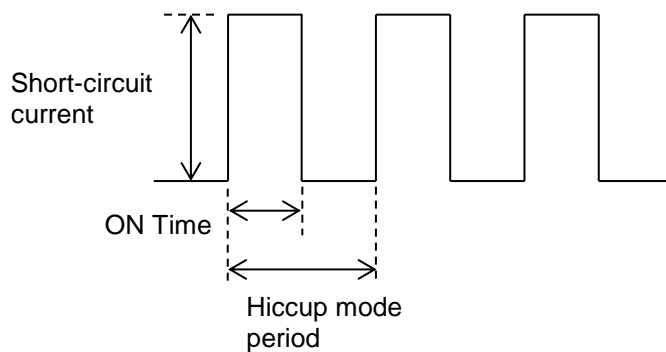
ON Time : 1138ms

Short circuit
period : 9107msTime
[2000ms/div]Output Current
[2A/div]

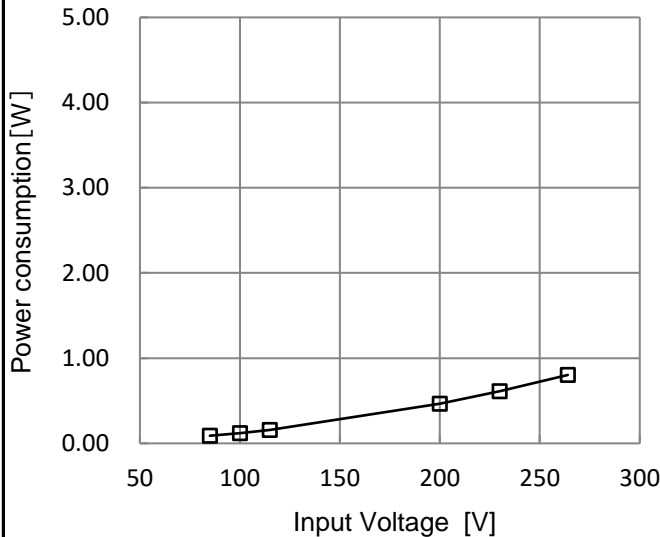
Input Voltage : 230V

Short-circuit
current : 15.2A

ON Time : 1136ms

Short circuit
period : 9088msTime
[2000ms/div]

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Model	PJA300F-48-R																
Item	Input voltage - Power consumption	Temperature	25°C														
Object	_____	Testing Circuitry	-														
1.Graph		Load :0%															
		2.Values															
		<table><tr><th>Input voltage [V]</th><th>Power consumption [W]</th></tr><tr><td>85</td><td>0.09</td></tr><tr><td>100</td><td>0.12</td></tr><tr><td>115</td><td>0.16</td></tr><tr><td>200</td><td>0.46</td></tr><tr><td>230</td><td>0.61</td></tr><tr><td>264</td><td>0.80</td></tr></table>		Input voltage [V]	Power consumption [W]	85	0.09	100	0.12	115	0.16	200	0.46	230	0.61	264	0.80
Input voltage [V]	Power consumption [W]																
85	0.09																
100	0.12																
115	0.16																
200	0.46																
230	0.61																
264	0.80																
Reducing standby power is possible by OFF signal of the remote control.																	

