



EXTRA TEST DATA OF PJA100F-12

*Regulated DC Power Supply
Aug 20, 2020*

COSEL CO.,LTD.

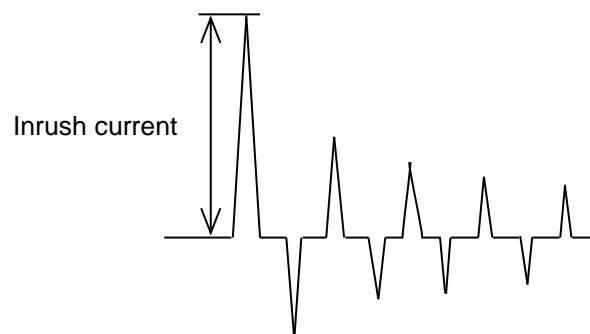
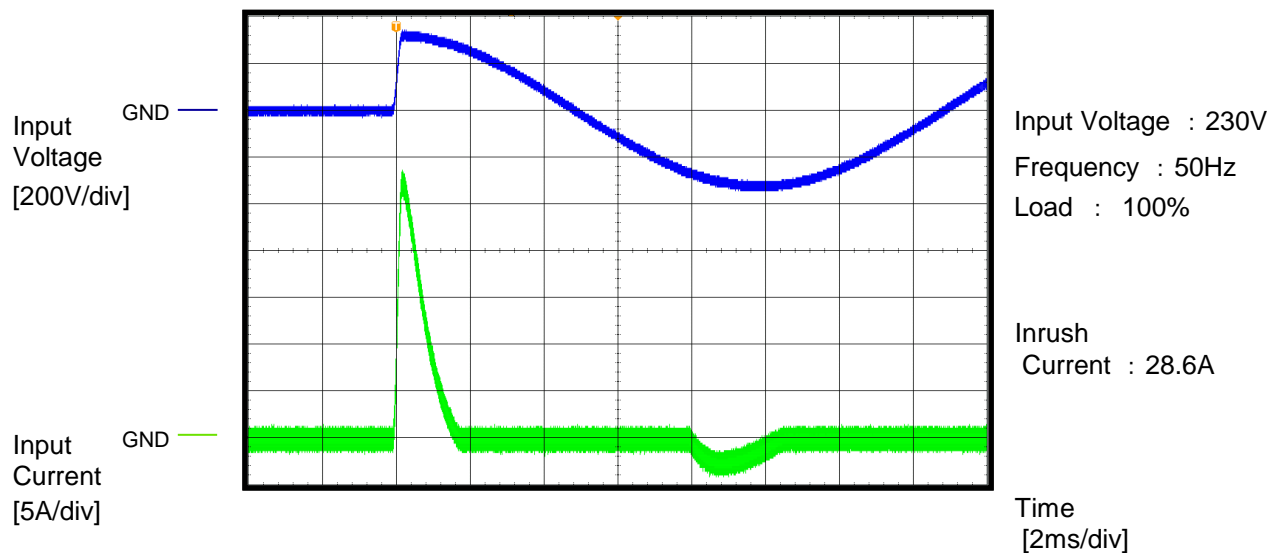
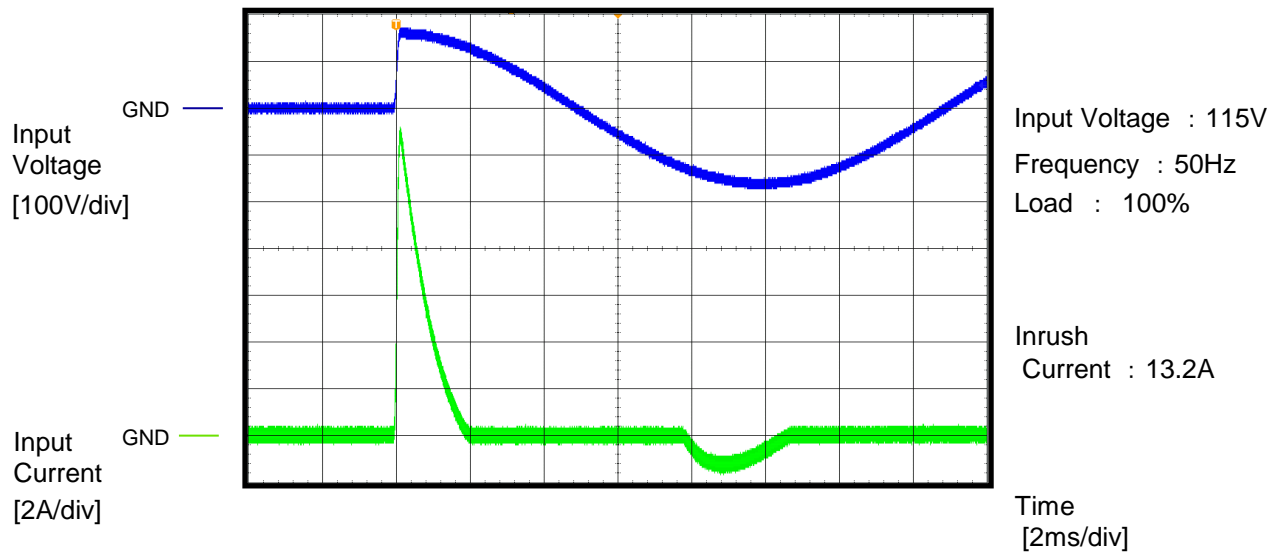
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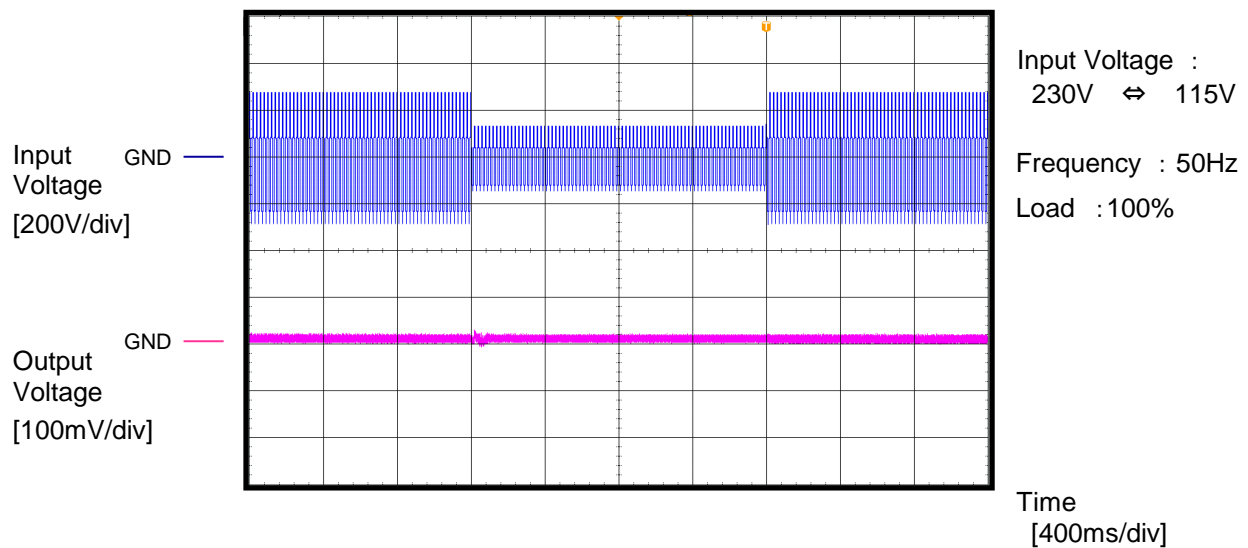
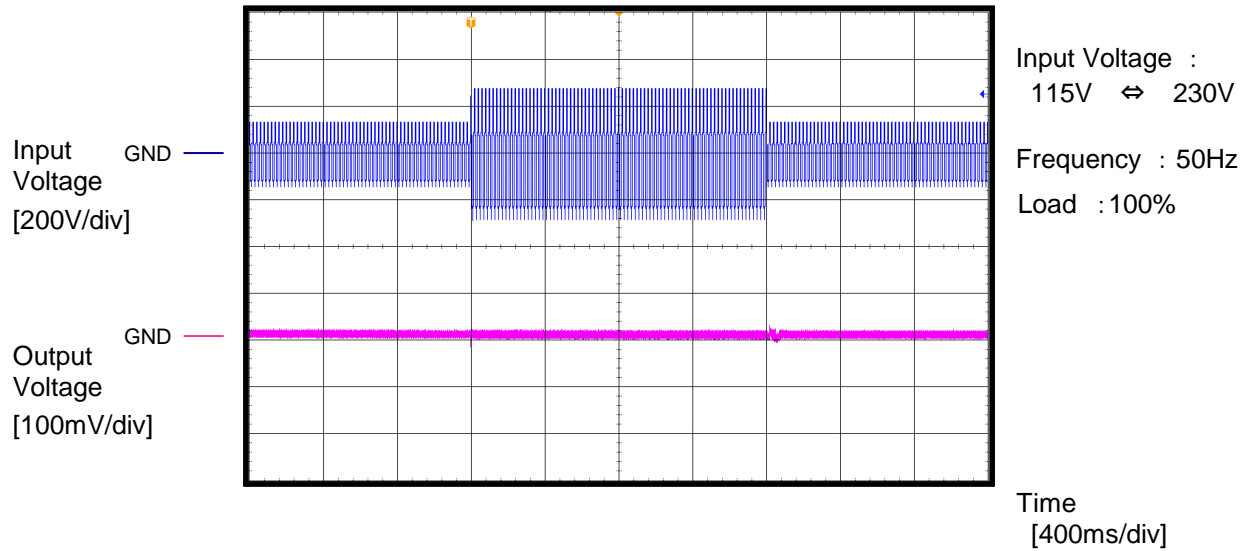
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Model	PJA100F-12		
Item	Inrush Current (enlargement)	Temperature	25°C
Object		Testing Circuitry	A



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Model	PJA100F-12	Temperature	25°C
Item	Dynamic Line Regulation	Testing Circuitry	A
Object	_____		

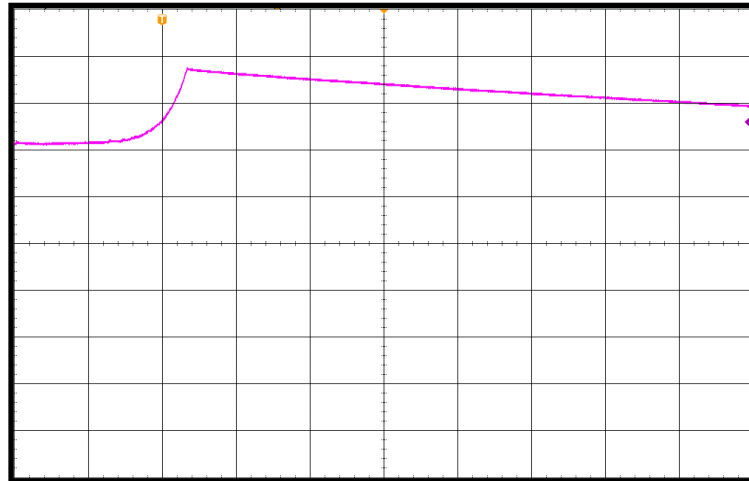


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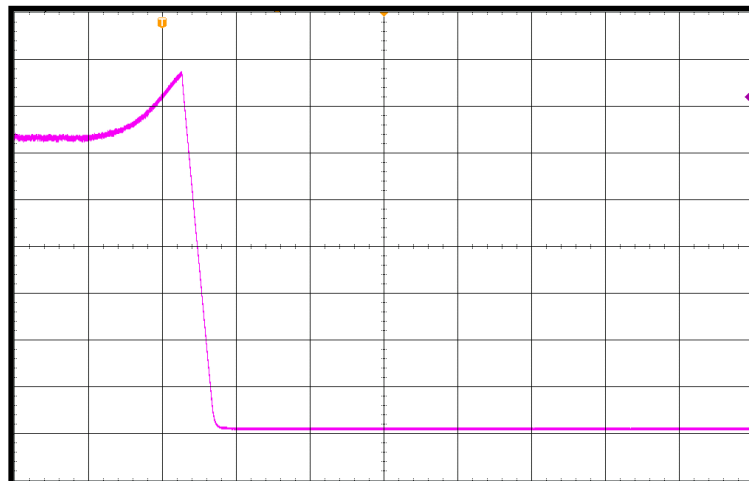
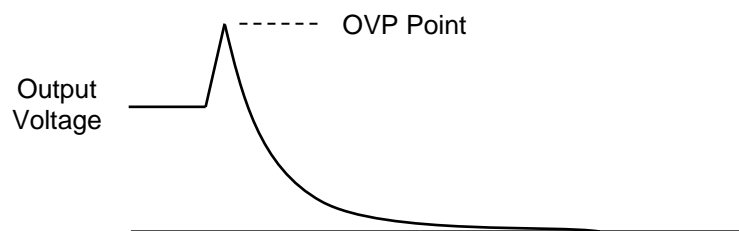
		Temperature 25°C Testing Circuitry A Input Voltage : 115V
Model	PJA100F-12	
Item	Over Voltage Protection	
Object	_____	

Output Voltage
[2V/div]

GND

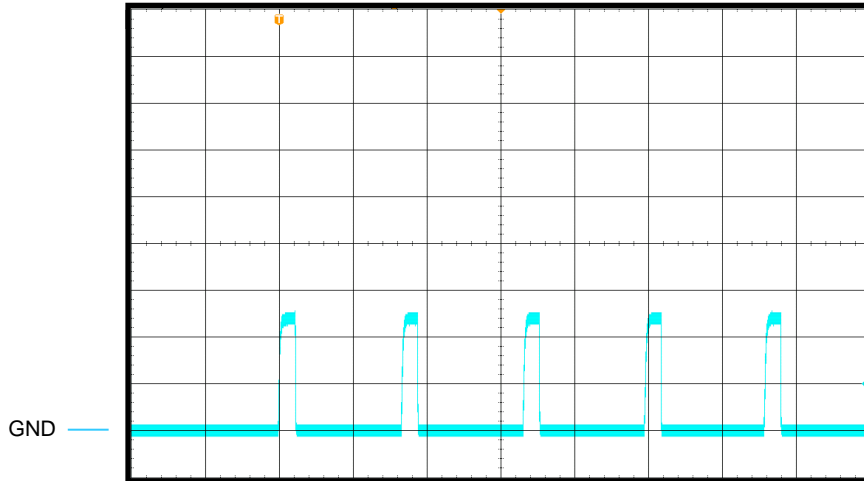
Load : 0%
Overvoltage protection
value : 15.5VTime
[40ms/div]Output Voltage
[2V/div]

GND

Load : 100%
Overvoltage protection
value : 15.5VTime
[20ms/div]

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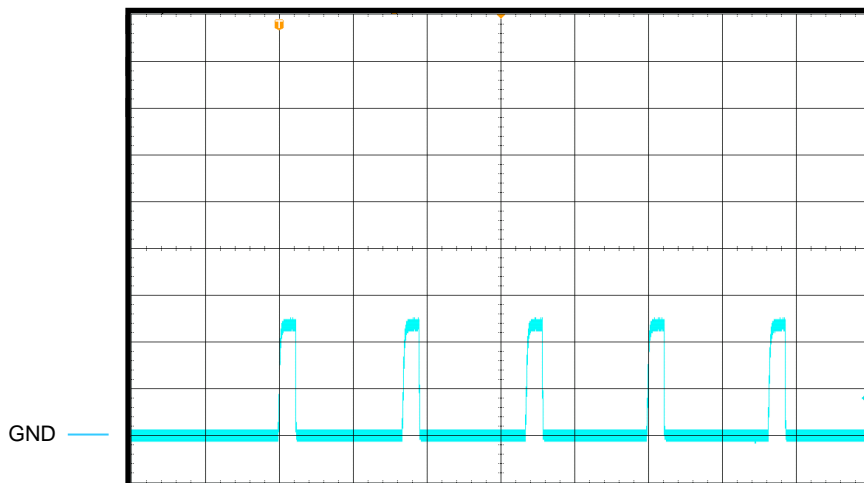
Model	PJA100F-12	Temperature	25°C
Item	Hiccup cycle (by Overcurrent Protection)	Testing Circuitry	A
Object	_____	Load	: Short

Output Current
[5A/div]

Input Voltage : 115V

Short-circuit
current : 12.8A

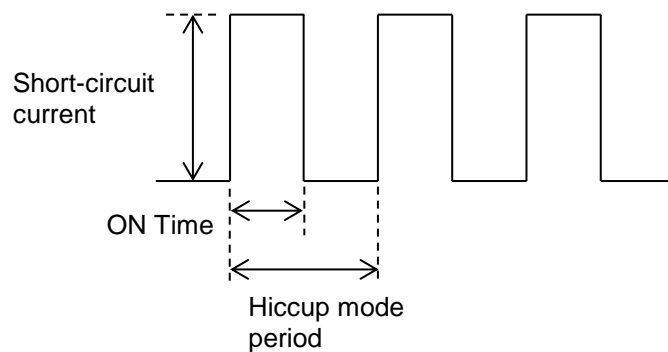
ON Time : 44ms

Short circuit
period : 333msTime
[200ms/div]Output Current
[5A/div]

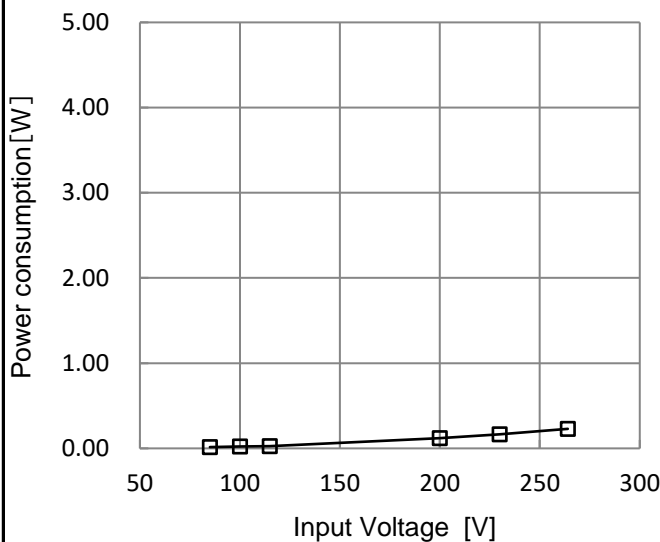
Input Voltage : 230V

Short-circuit
current : 12.6A

ON Time : 45ms

Short circuit
period : 336msTime
[200ms/div]

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Model	PJA100F-12-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>0.01</td></tr><tr><td>100</td><td>0.02</td></tr><tr><td>115</td><td>0.03</td></tr><tr><td>200</td><td>0.12</td></tr><tr><td>230</td><td>0.17</td></tr><tr><td>264</td><td>0.23</td></tr></table>		Input voltage [V]	Power consumption [W]	85	0.01	100	0.02	115	0.03	200	0.12	230	0.17	264	0.23
Input voltage [V]	Power consumption [W]																
85	0.01																
100	0.02																
115	0.03																
200	0.12																
230	0.17																
264	0.23																
Reducing standby power is possible by OFF signal of the remote control.																	

