For Reference

EXTRA TEST DATA OF PJA150F-48

Regulated DC Power Supply
Jul 20, 2020

COSEL CO.,LTD.

COSEL

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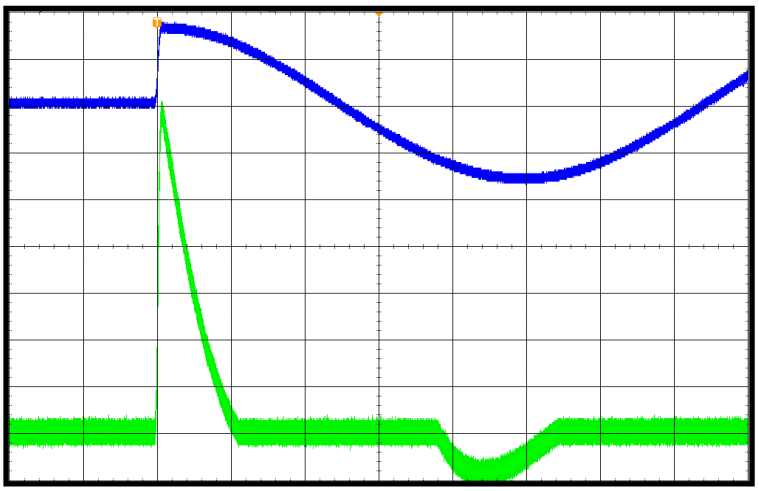
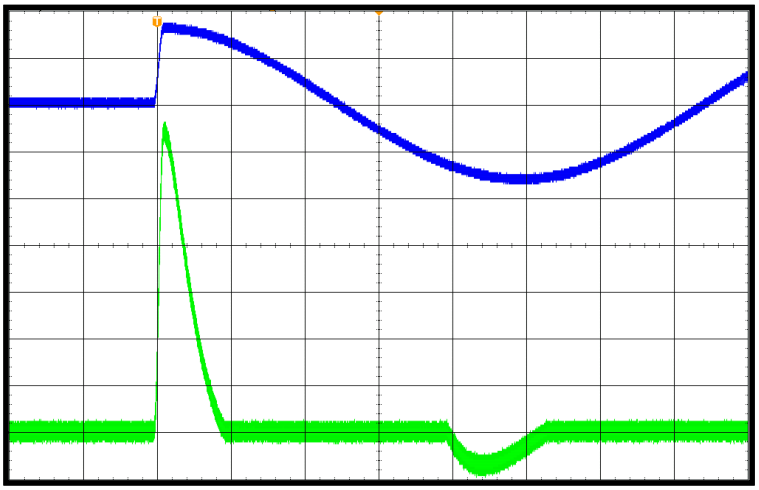
Model	PJA150F-48	Temperature	25°C
Item	Inrush Current (enlargement)	Testing Circuitry	A
Object	———————		



Input Voltage : 115V
Frequency : 50Hz
Load : 100%

Inrush Current : 14.2A

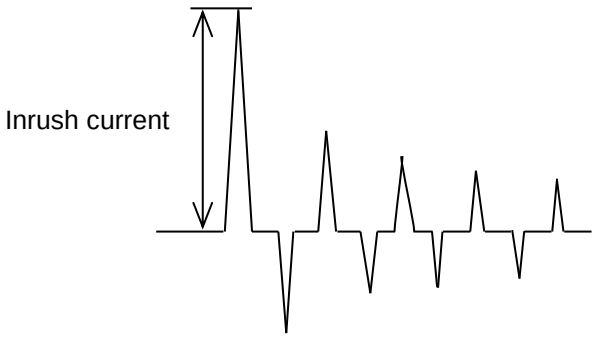
Time [2ms/div]



Input Voltage : 230V
Frequency : 50Hz
Load : 100%

Inrush Current : 33.2A

Time [2ms/div]



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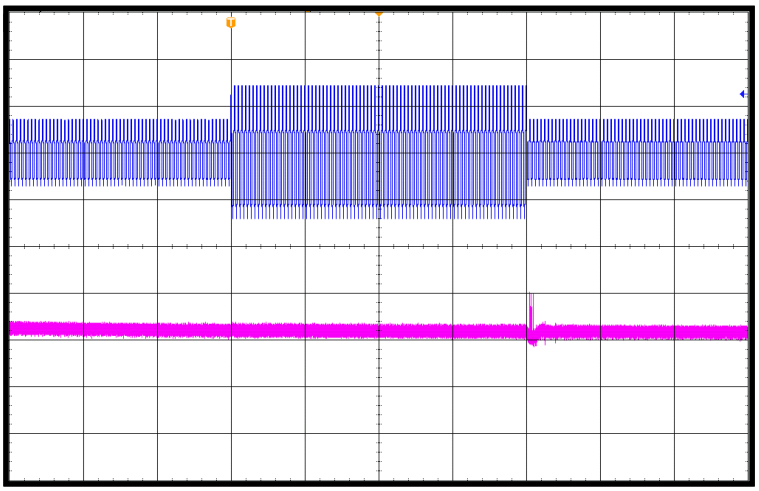
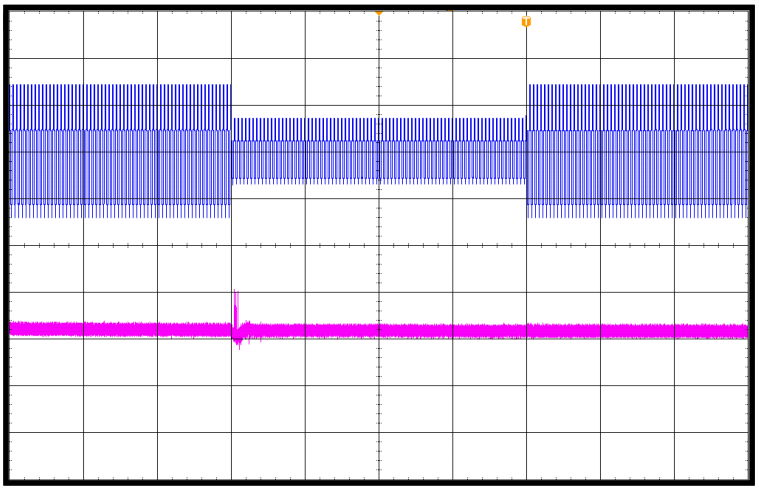
Model	PJA150F-48	
Item	Dynamic Line Regulation	Temperature 25°C Testing Circuitry A
Object	———————	



Input Voltage :
115V ⇔ 230V

Frequency : 50Hz

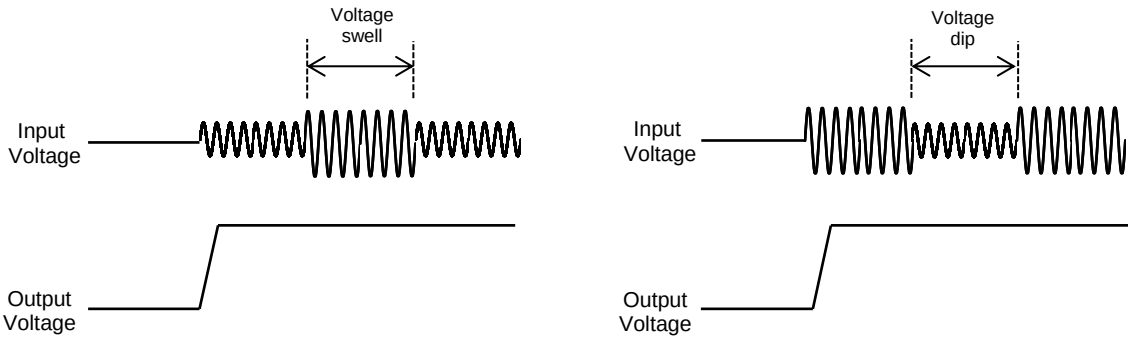
Load : 100%



Input Voltage :
230V ⇔ 115V

Frequency : 50Hz

Load : 100%



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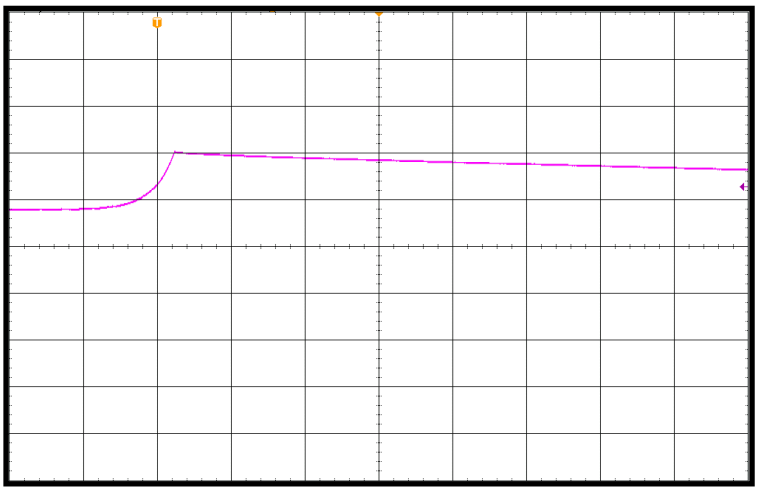
Model	PJA150F-48	
Item	Over Voltage Protection	Temperature 25°C Testing Circuitry A
Object	————————	Input Voltage : 115V

Output Voltage [10V/div]



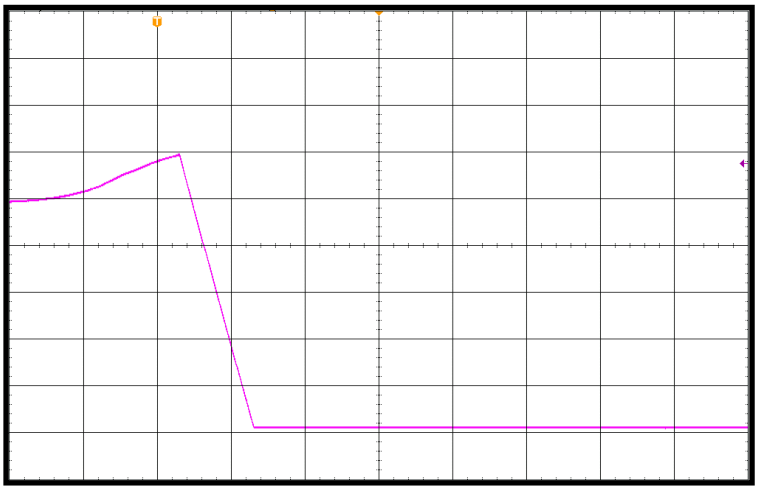
GND

Load :0%

Overvoltage protection value : 60.4V

Time [40ms/div]

Output Voltage [10V/div]

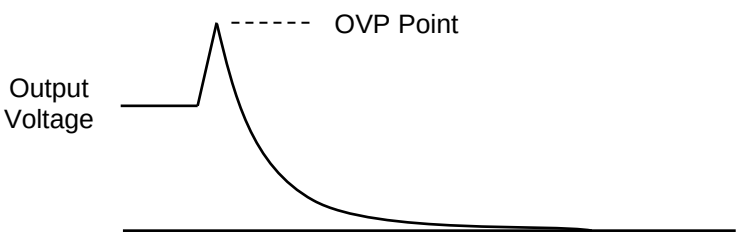


GND

Load :100%

Overvoltage protection value : 59.6V

Time [20ms/div]



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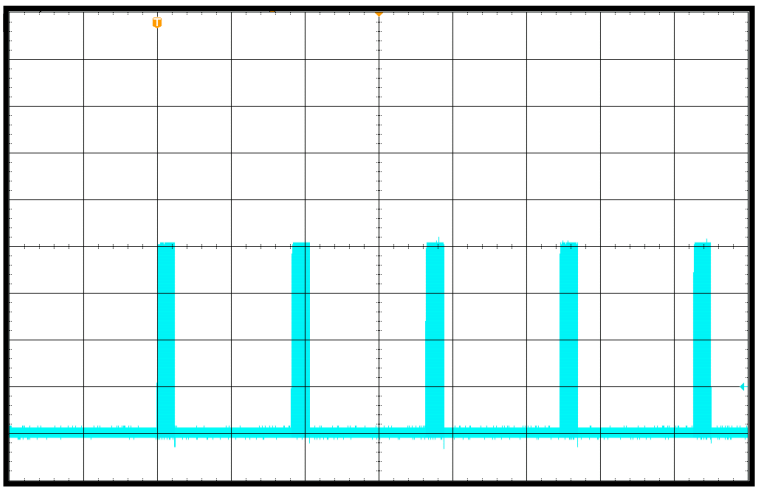
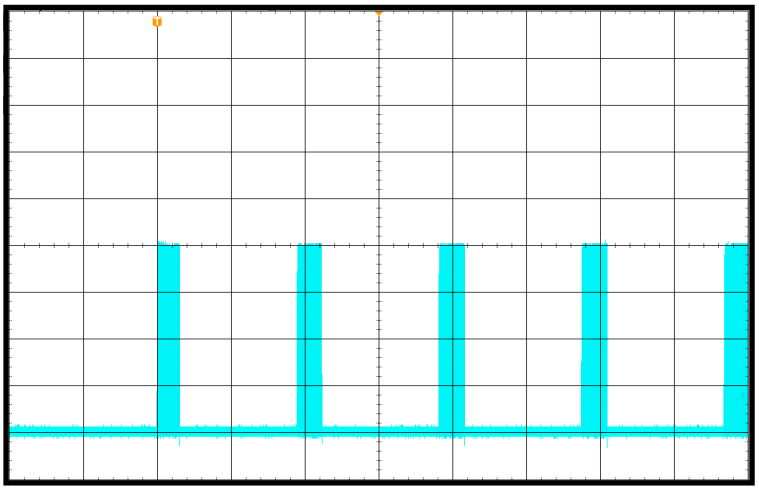
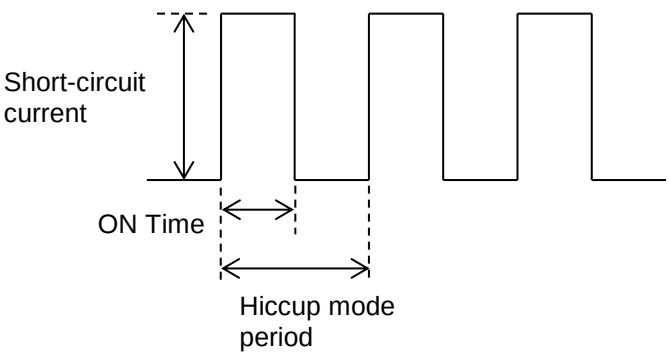
Model	PJA150F-48	
Item	Hiccup cycle (by Overcurrent Protection)	Temperature 25°C Testing Circuitry A
Object	———————	Load : Short







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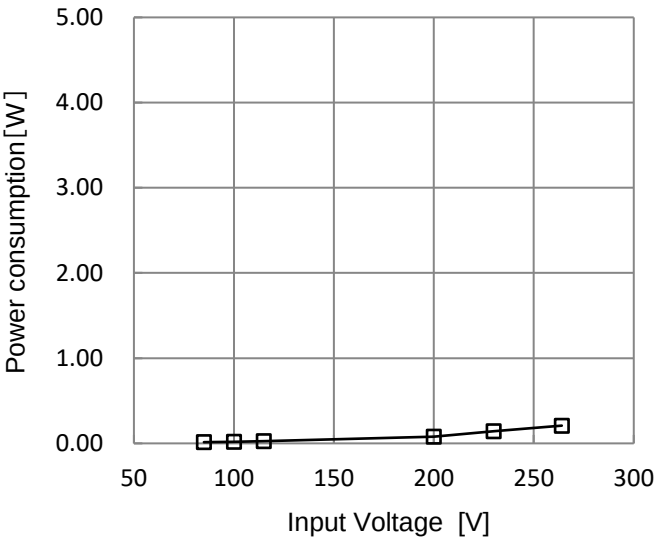
Model	PJA150F-48-R
Item	Input voltage - Power consumption
Object	————————

Temperature 25°C
Testing Circuitry -

Load : 0%

1.Graph



Reducing standby power is possible by OFF signal of the remote control.

2.Values

Input voltage [V]	Power consumption [W]
85	0.01
100	0.02
115	0.03
200	0.08
230	0.14
264	0.21

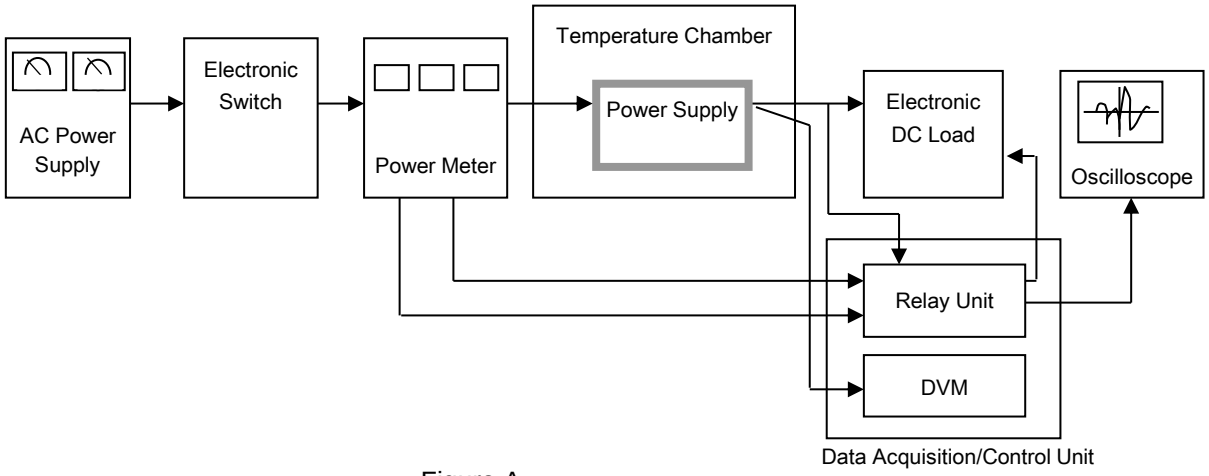

AC Power Supply
Electronic Switch
Power Meter
Temperature Chamber
Power Supply
Electronic DC Load
Oscilloscope
Relay Unit
DVM
Data Acquisition/Control Unit

Figure A