For Reference

EXTRA TEST DATA OF PJA100F-48

Regulated DC Power Supply
Aug 20, 2020

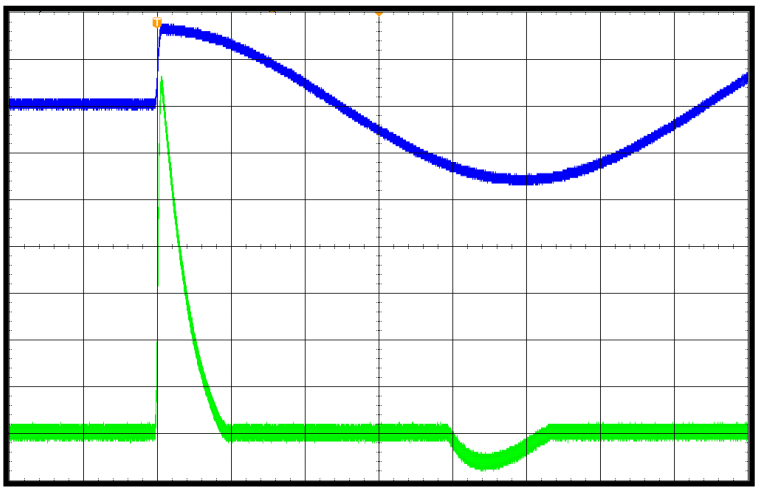
COSEL CO.,LTD.

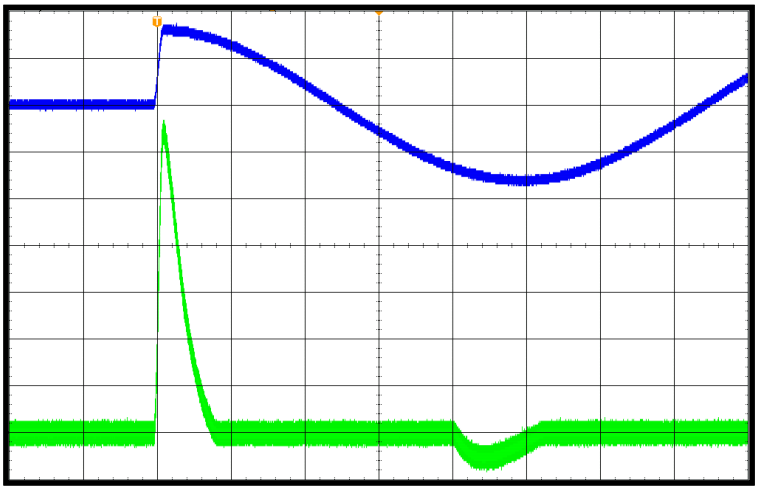
COSEL

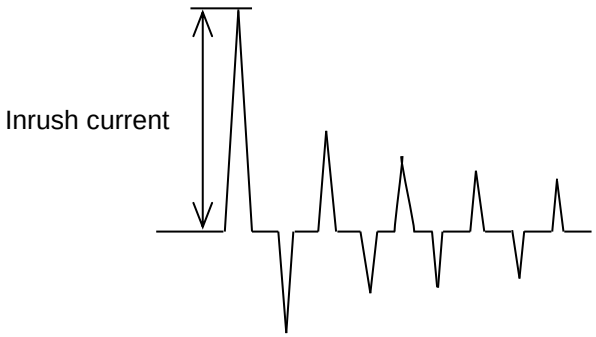
CONTENTS

COSEL

Model	PJA100F-48	
Item	Inrush Current (enlargement)	Temperature 25°C Testing Circuitry A
Object	————————	

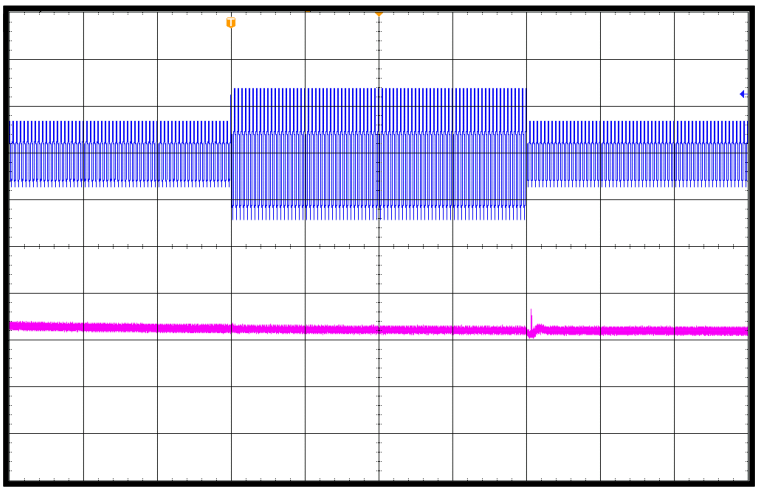






COSEL

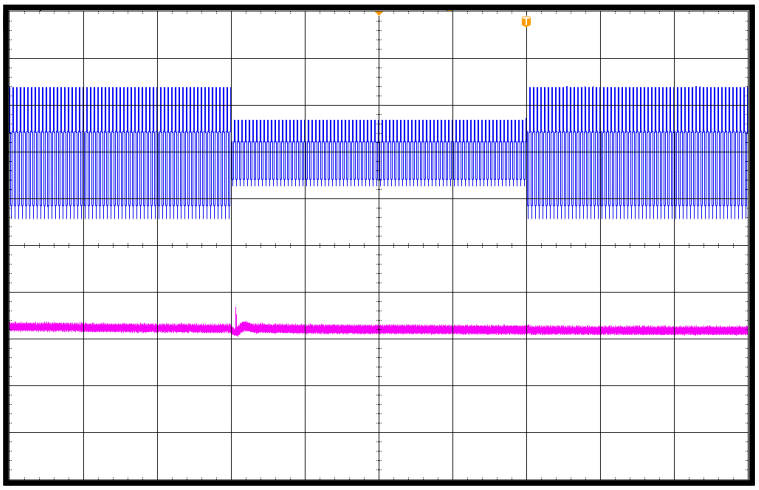
Model	PJA100F-48	
Item	Dynamic Line Regulation	Temperature 25°C Testing Circuitry A
Object	———————	



Input Voltage :
115V ⇔ 230V

Frequency : 50Hz

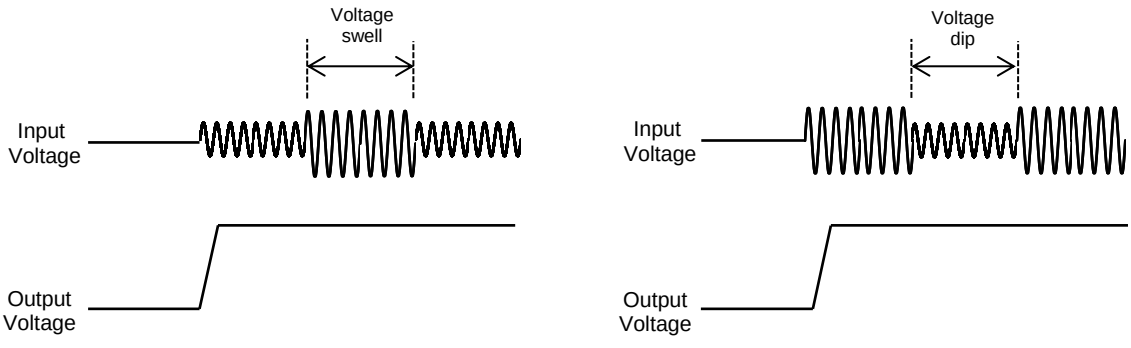
Load : 100%



Input Voltage :
230V ⇔ 115V

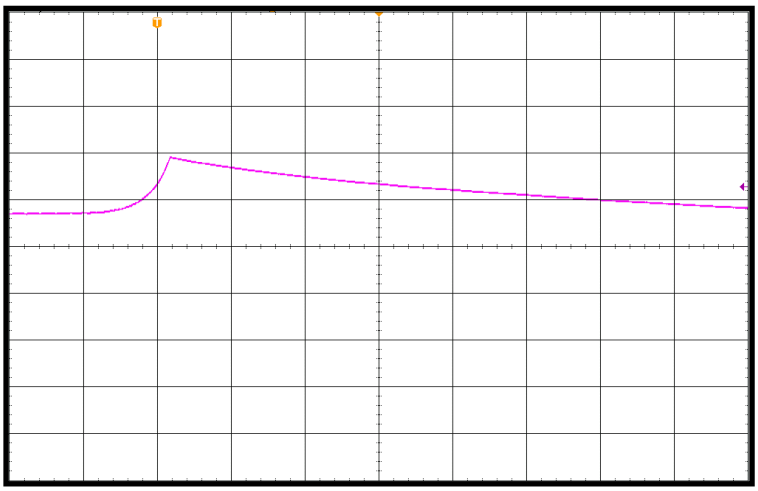
Frequency : 50Hz

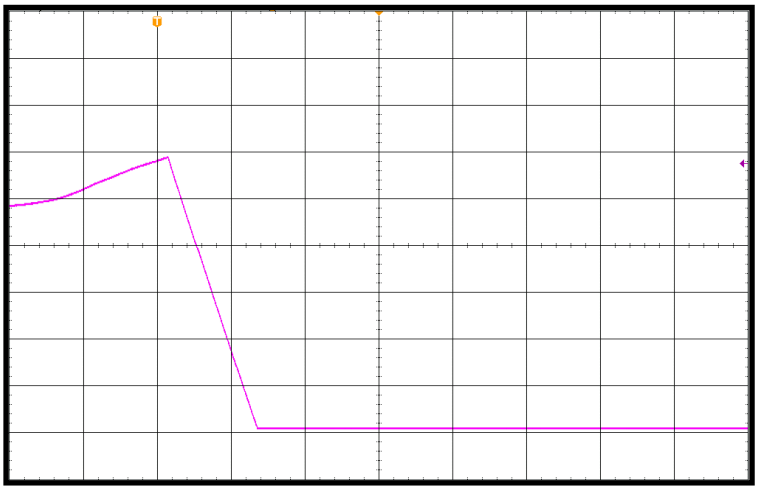
Load : 100%

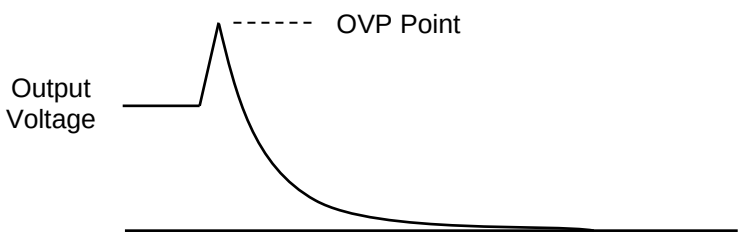


COSEL

Model	PJA100F-48	
Item	Over Voltage Protection	Temperature 25°C Testing Circuitry A
Object	————————	Input Voltage : 115V

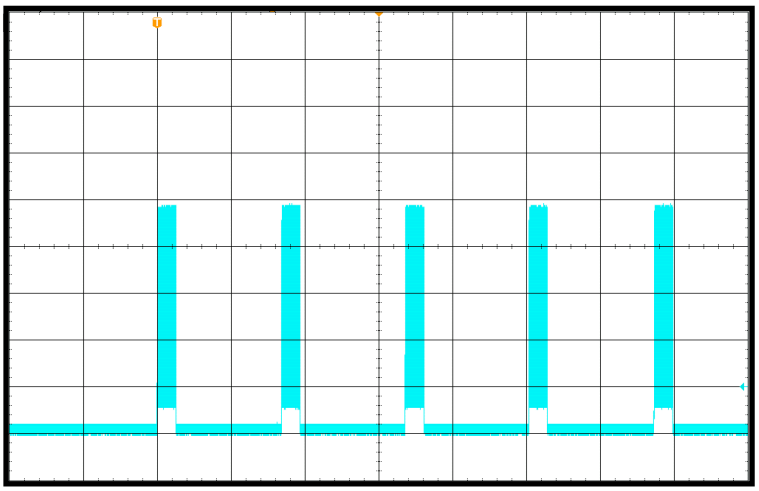


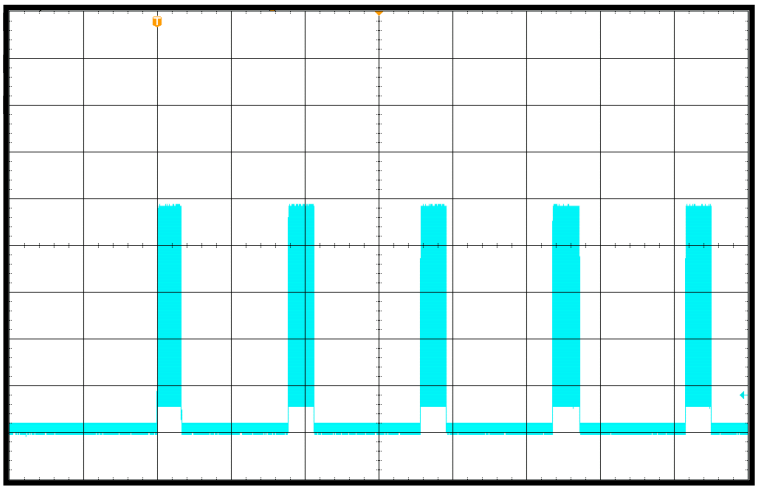


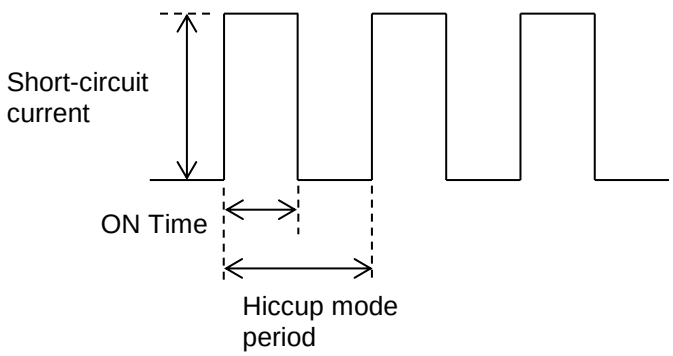


COSEL

Model	PJA100F-48	
Item	Hiccup cycle (by Overcurrent Protection)	Temperature 25°C Testing Circuitry A
Object	———————	Load : Short







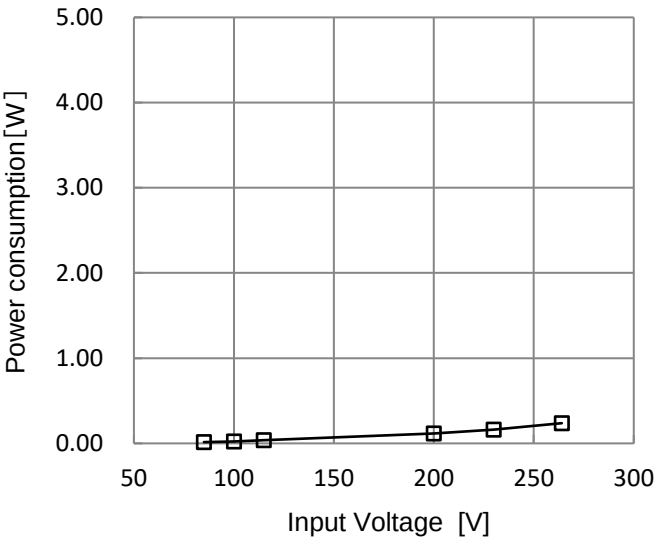
COSEL

Model	PJA100F-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	0.04
200	0.12
230	0.16
264	0.24

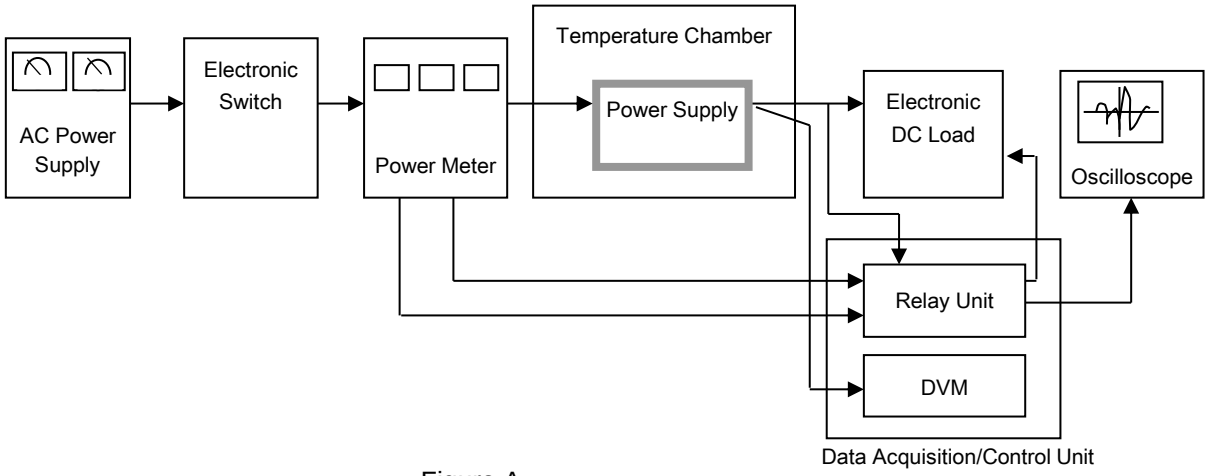

AC Power Supply
Electronic Switch
Power Meter
Temperature Chamber
Power Supply
Electronic DC Load
Oscilloscope
Relay Unit
DVM
Data Acquisition/Control Unit

Figure A