

Overdrive Power Supply SAG series

Lineup includes everything from general-purpose models to highend multi-function models.



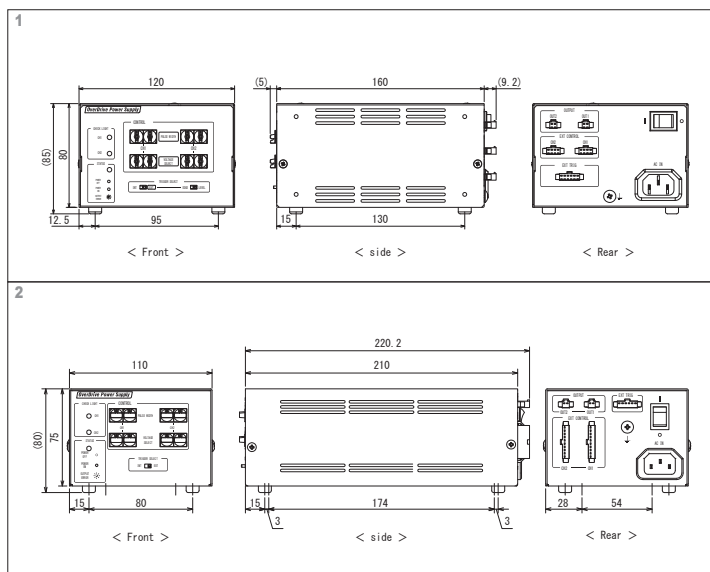
※ SAG-30M2-VI

- Allows easy synchronization of LED light emission and camera exposure timing in high-speed moving image applications.
- As the LED elements generate less heat, the amount of light is stabilized and the lifespan will be longer.
- Choose a model to suit your inspection application.
- It accepts almost all standard Lights.
- Light intensity: Overdrive lighting are approximately 4 times brighter than normal lighting

Power Supply Specifications

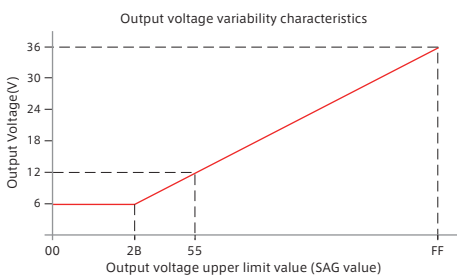
Model	SAG-30M2-VI	SAG-30M2-PI
Channel numbers	2CH	2CH
Capacity	1CH/30W Total30W	2ch individually/15W Total30W
Input Voltage	AC100~240V	AC100~240V
Output Voltage	DC6~36V (256-levels variable output voltage)	DC12~36V (256-levels variable output voltage)
Pulse Width Setting	Internal: 10 μs~990 μs(10 μs step) External: 10 μs~1ms (Duty:5% or less)	10 μs~990 μs(10 μs step)
Trigger Response Speed	Approximately 3 μs	Approximately 2 μs
External Output Control	External analog 0-5V	8bit parallel
Feature	External Trigger: NPN/PNP external power supply 5 to 24V(external resistor is not necessary) Pilot lamp for pulse output check	Pilot lamp for pulse output check
Drawing	1	2

*For details of external control cable, see page 103.



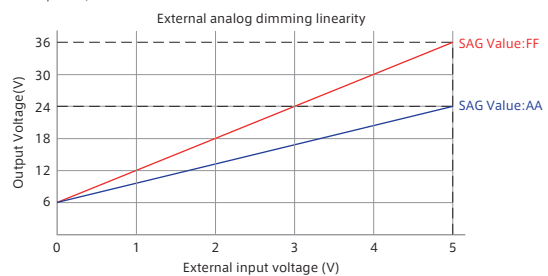
Voltage Characteristics (SAG-30M2-VI)

SAG-30M2-VI achieved output control at lower light intensity areas, by extending its minimum output voltage value from 12V of conventional models to 6V.



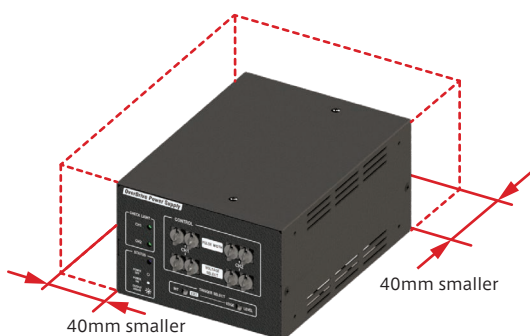
External analog output control linearity(SAG-30M2-VI)

•The range between 6V and the output voltage upper limit value (SAG value) can be changed by the external input voltage(0 to 5V)
•In the whole range of the external input voltage of 0 to 5V, a high linearity is maintained(at 100mV or less, the lighting is turned off when the pulse output is 0).



Compact design

Compared to conventional products, SAG-30M2-VI achieves 64% smaller in volume and SAG-30M2-PI does 72% smaller in volume.



Corresponding to both vertical and horizontal placement (SAG-30M2-VI)

Smooth installation: by changing the mounting position of the rubber feet, you can choose vertical or horizontal placement.

