

Overdrive power supply **8bit**

High capacity Overdrive power supply

SAG-HP series

Lineup features high-capacity models of 75 to 600 W.

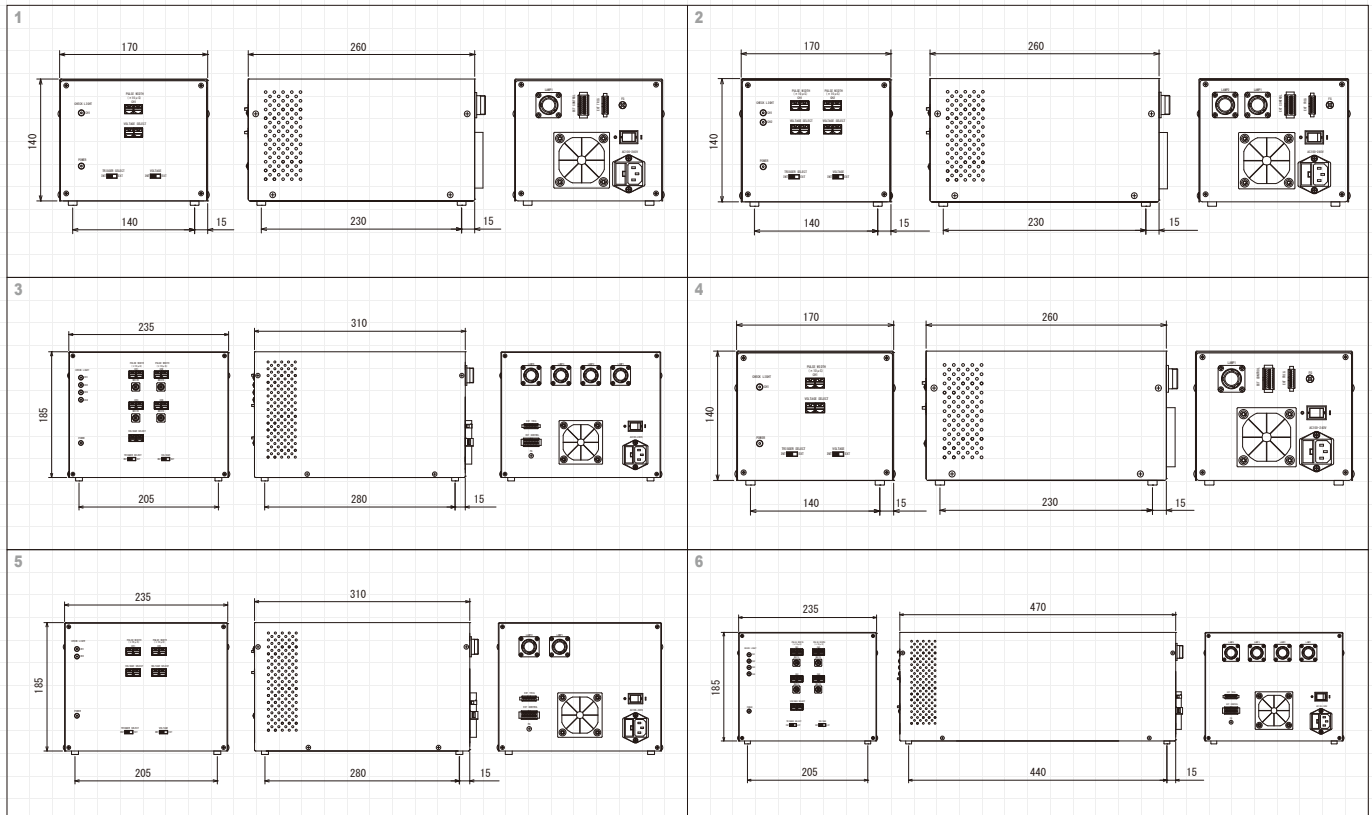


- Allows easy synchronization of LED light emission and camera exposure timing in high-speed moving image applications.
- LED elements have low heat generation, which extends LED lifetimes and stabilizes light intensity.
- A larger current than regular lighting flows instantaneously. It can be used at up to approximately 4 times the current.

Model	Power consumption	Drawing
SAG-HP75M1	1 channel, 75W (total 75W)	1
SAG-HP150M2	2 channels, 75W each (total 150W)	2
SAG-HP300M4	4 channels, 75W each (total 300W)	3
SAG-HP150M1	1 channel, 150W (total 150W)	4
SAG-HP300M2	2 channels, 150W each (total 300W)	5
SAG-HP600M4	4 channels, 150W each (total 600W)	6

Power Supply Specifications

Input Voltage	AC 100 to 240 V
Operating Frequency	50/60Hz
Output Voltage	DC 12 to 36V (256-level variable output voltage)
Pulse Width Setting	10 μs to 990 μs
Trigger signal	Synchronized on function (internal/external switch)
Trigger Response Speed	Approximately 1 μs
Internal Light	Fixed at 50Hz
External Light Control Function	8-bit digital signal, 256 levels
Other	Interlock function, Overcurrent protection function



External trigger cable (IC-SA-TR-※)

Pin No.	Wire Color	Model	Length(m)
1	White	IC-SA-TR1	1
2	Red	IC-SA-TR2	2
3	Green	IC-SA-TR3	3
4	Yellow	IC-SA-TR4	4
5	Brown	IC-SA-TR5	5
6	Blue	IC-SA-TR10	10
7	Gray	IC-SA-TR15	15

External Control Cable (IC-DG-※)

Pin No.	Wire Color	Pin No.	Wire Color	Model	Length(m)
1	White	10	Pink	IC-DG-1	1
2	Red	11	Light Green	IC-DG-2	2
3	Green	12	White/Black	IC-DG-3	3
4	Yellow	13	Red/Black	IC-DG-4	4
5	Brown	14	Green/Black	IC-DG-5	5
6	Blue	15	Yellow/Black	IC-DG-10	10
7	Gray	16	Brown/Black		
8	Orange	17	Black		
9	Sky blue	18	Gray/Black		