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Find the *Hamamatsu C6979-11* at our website: ***Click HERE***

HAMAMATSU Japan

POWER SUPPLY and LAMP HOUSING for Xenon / Mercury-Xenon Lamps

Power Supply

Using Xenon / Mercury-Xenon lamps in photometric applications requires an extremely stable power supply. We recommend using Hamamatsu power supplies to obtain full performance from lamps. Hamamatsu provides two types of power supplies: dropper type and switching type. Dropper type power supplies feature extremely high stability. Switching type power supplies have less stability but offer advantages such as light weight and high cost performance. Select the type that meets your application. Hamamatsu also manufactures various types of OEM power supplies.



Left : C8848, C8849
Right : Starter C4251

Type No.	Control Method *c	Suitable Lamps (W)	Input Voltage (Vac)	Discharge Current Stability		Dimensions W x H x D (mm) *b	Weight (kg)	Trigger Unit	Start Method *d
				Drift Max. (%/h)	Ripple Max. (%) p-p				
C6979-01	Dropper Type	35 to 100	100 118 200 230 *a	+/- 0.1	0.1	144 x 176 x 280	10	C4251	Manual
C6979-11		35 to 100							Auto
C7535		150 to 200							Manual
C7535-10		150 to 200							Auto
C4338		300 to 350				220 x 150 x 330	15	C4339	Auto
C2577	Switching Type	35 to 200		+/-4	5	150 x 180 x 280	4	-	Manual
C2578		250 to 500				250 x 340 x 350	5	-	Manual
C8848		Xe : 35 to 75 Hg-Xe: 50 to 100	100 to 240 Auto	+/- 0.1	0.1	144 x 90 x 282	3	C4251	Manual
C8849		150 to 250							Manual

NOTE :
*a : Manual switching
*b : Excluding projecting parts.
*c : Dropper type power supply must be used with a starter (sold separately).
*d : Please consult our sales office about "Start Method".
These power supplies use a trigger mode in which a positive high voltage is applied to the anode. Use extreme coution concerning the insulation for the anode.

Lamp Housing

For simple and safe use of lamps, Hamamatsu provides lamp housings that give optimal performance in terms of light output stability, efficiency and life. There are three types of lamp housings: the E7536 is designed to improve handling, while the E2419 and

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E2420 feature simplified configurations. The E7536 ensures excellent lamp stability and high output of collimated light by means of the built-in reflecting mirror and exit lens. A built-in interlock function, lamp starter and air cooling fan enhance operator safety.


E7536

Type No.	Suitable Lamps	Features
E7536	150W, 200W	Built-in reflecting mirror and exit lens. Built-in interlock function, lamp starter and air cooling fan.
E2419	35W to 100W	Compact and ideal for experimental setups.
E2420	150W to 250W	Compact and ideal for experimental setups.
E5421	300W to 500W	Compact and ideal for experimental setups.

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