

THE UNIVERSAL ELECTRONIC BALLAST OFFERS THE LATEST TECHNOLOGY AND RELIABILITY AS A POWER SUPPLY FOR SHORT ARC LAMPS



HIGHLIGHTS

- Power-controlled operation of mercury short arc lamps
- Current-controlled operation of mixed gas and xenon short arc lamps
- Lamp output is current- and power-limited, network-isolated and permanently short-circuit-proof
- Minimum lamp current ripple
- Security, self-monitoring
- Displays the lamp duration, power, current and voltage
- Additional output voltage 12 VDC or 24 VDC, others on request, permanently short-circuit proof
- Dimming - stepless brightness control
- Interface USB or RS232, others on request

APPLICATIONS

- **Solarsimulation**
- **Spectral photography**
- **Projection**
- **Photolithography**
- **Wafer inspection**
- **UV sterilization**
- **Endoscopy**
- **Spectroscopy**

Technical data	EBU 220	EBU 360	EBU 900	EBU 1350	EBU 1800 (in development)
Input parameters					
Mains voltage	100 ... 240 VAC			180 ... 240 VAC	
Mains frequency	50 ... 60 Hz				
Power input	max. 340 VA	max. 600 VA	max. 1.200 VA	max. 1.800 VA	max. 2.400 VA
Output parameters					
Operating mode Hg-lamps	power controlled				
Operating mode Xe-, Xe-Hg-lamps	current controlled				
Power limitation	max. 220 W	max. 360 W	max. 900 W	max. 1.350 W	max. 1.800 W
Open circuit voltage	max. 190 VDC				
Lamp voltage	max. 90 VDC	max. 100 VDC			
Lamp current	max. 10 ADC	max. 20 ADC	max. 30 ADC	max. 60 ADC	max. 90 ADC
Lamp selection					
Mercury	HBO 100W/2, HBO 200W/DC	HBO 200W/DC HBO 250W/D, /HS, /BY HBO 350W/S	HBO 350W HBO 500W, W/2 HBO 500W/A, W/B	HBO 1000W/D, W/CEL HBO 1002W/CEL, W/NIL HBO 1003W/PIL	HBO 1500W/PIL XBO 1200W/DHP XBO 1600W all types HBO 2000W/NIL HBO 2001W/NIL, W/NIEL
Mixed-Gas	L2422, L2482, L7047, L2423, L2570	L8706 (L2483, L2917) UXM-200 all types	L8288, L2483, L2917 L2423, L2570 UXM-501MD/MA UXM-502MD/MA	UXM-1001MD	
Xenon	XBO 75W/2 OFR, XBO 100W OFR, XBO 150W/CR, XM150W-7HS, UXL-150-, 151-, 152-, all types	XBO 250W/OFR, /4 XBO R 300 W/60 XM150-13HS, -15HS XM300 all types UXL-300D-O UXL-302-O	XBO 450W all types XBO 500W all types XBO 550W/HTC OFR UXL-450SO UXL-451,-O UXL-500D-O	XBO 700W all types XBO 900W OFR XBO 1000W all types XM505HS, -3HS XM750 all types XM900H/V, /VC	XBO 1200W/DHP XBO 1600W all types UXL-16SB
External ignitors					
All lamps (but XBO 450W/1 and all UXL-/UXM-Lamps)	iu-1025s	iu-3030s	iu-3030s	iu-6040s	iu-9040s (in development)
All UXL-/UXM-Lamps	(iu-1035s)	iu-3035s	iu-3035s		
XBO 450W/1			iu-6040s		
Connecting cable EBU - Ignitor					
All lamps (but XBO 450W/1)	AK-EBU1010	AK-EBU3030	AK-EBU3030	AK-EBU6060	AK-EBU3030 + AK-EBU6060
XBO 450W/1			AK-EBU3060		
Dimensions					
(WxHxD)	250 x 95 x 230 mm	285 x 125 x 340 mm	285 x 125 x 340 mm	375 x 125 x 370 mm	375 x 145 x 480 mm
Weight	3,5 kg	6,5 kg	7,5 kg	11,2 kg	13,9 kg

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