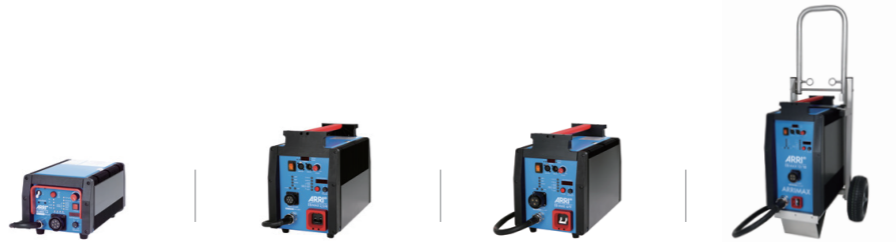


MAX RANGE BALLASTS

TECHNICAL DATA



ARRI MAX Range Ballasts / Versions	EB MAX 1.8	EB MAX 2.5/4	EB MAX 6/9	EB MAX 12/18
Ident-No.	L2.0014190 L2.0014189 (US) L2.0017028 (Schaltbau)	L2.0016746 L2.0019423 (CAN) L2.0018884 (Schaltbau)	L2.0016747 L2.0019425 (CAN)	L2.0016748 L2.0019426 (CAN)
Mains Supply				
Line Power	2600 VA (max.)	5400 VA (max.)	11200 VA (max.)	19600 VA (max.)
Supply Voltage	90-130 V~ / 180-250 V~ / 50/60 Hz 1, N, PE	100-130 V~ / 180-250 V~ / 50/60 Hz 1, N, PE	180-250 V~ / 50/60 Hz 1, N, PE	190-250 V~ / 50/60 Hz 1, N, PE
Nominal Current	25-20 A / 13-10 A	47-42 A / 30-22 A	56-44 A	68-51 A / 103-78 A
Power Factor	cos Φ = 0.98	cos Φ = 0.98	cos Φ = 0.98	cos Φ = 0.99
Line plug	bare ends	bare ends	bare ends	bare ends
Lamp Connection				
Lamp Power				
Lamphead connector	International (VEAM) / Schaltbau	International (VEAM) / Schaltbau	International (VEAM)	International (VEAM)
Lamp Power	575 W / 800 W / 1200 W / 1800 W	2500 W / 4000 W	6000 W / 9000 W	12 kW / 18 kW
ARRI corresponding lamphead	M-Series M8 M-Series M18 True Blue D5 True Blue D12	M-Series M40 True Blue D25 ARRISUN 40/25 ARRI Compact 2500 ARRI Compact 4000	M-Series M90 ARRISUN 6000 ARRI Daylight 6000 ARRI Compact 6000	M-Series ARRIMAX 12/18 ARRI Daylight 18/12 ARRISUN 120 ARRI Compact 12000
Power Adaption	constant control, automatic detection of lamphead and lamp type	constant control, automatic detection of lamphead and lamp type	constant control, automatic detection of lamphead and lamp type	constant control, automatic detection of lamp type
Current Characteristic	square wave, 75 Hz (Standard mode), 300 Hz (adjustable 270-360 Hz) and 1000 Hz (adjustable 900 - 1200 Hz)	square wave, 75 Hz (Standard mode), 300 Hz (adjustable 270-360 Hz) and 1000 Hz (adjustable 900 - 1200 Hz)	square wave, 75 Hz (Standard mode), 300 Hz (adjustable 270-360 Hz) and 1000 Hz (adjustable 900 - 1200 Hz)	square wave, 75 Hz (Standard mode), 300 Hz (adjustable 270-360 Hz) and 1000 Hz (adjustable 900 - 1200 Hz)
Dimming	50 to 100% of nominal lamp power	50 to 100% of nominal lamp power	50 to 100% of nominal lamp power	50 to 100% of nominal lamp power
Starting	cold start and hot restrike	cold start and hot restrike	cold start and hot restrike	cold start and hot restrike
Typical Light Ripple	typ. < 3%	typ. < 3%	typ. < 3%	typ. < 3%
General				
Dimensions (H x W x L)	156 x 200 x 335 mm (6.1 x 7.9 x 13.2")	358 x 243 x 450 mm (14.1 x 9.6 x 17.7")	358 x 263 x 450 mm (14.1 x 10.4 x 17.7")	548 x 283 x 506 mm (21.6 x 11.1 x 19.9")
Weight	approx. 8 kg (17.6 lbs)	approx. 21 kg (46.3 lbs)	approx. 28 kg (61.7 lbs)	approx. 50 kg (110.2 lbs) / incl. trol. 65 kg (143.3 lbs)
Protective Rate	IP21	IP20	IP20	IP20
Ambient Conditions	-20 to +50 °C (-4 to 122 °F)	-20 to +45 °C (-4 to 113 °F)	-20 to +45 °C (-4 to 113 °F)	-20 to +45 °C (-4 to 113 °F)
Housing	blue housing with red handle	blue housing with red handle	blue housing with red handle	blue housing with red handle
Indicators				
ON / OFF	✓	✓	✓	✓
Protective Earth	✓	✓	✓	✓
Lamp On	✓	✓	✓	✓
Overtemperature	✓	✓	✓	✓
Output Mode (Frequency)	✓	✓	✓	✓
Remote / DMX	✓	✓	✓	✓
Detected Lamp Power	✓	✓	✓	✓
Features				
Automatic Lamp Recognition	✓	✓	✓	✓
Automatic Lamphead Recognition	✓	✓	✓	✓
Dimming	✓	✓	✓	✓
AutoScan				
DMX				
Compensation of Cable Losses (CCL)				
Active Line Filter (ALF)				

HIGH SPEED BALLASTS

TECHNICAL DATA



ARRI High Speed Ballasts / Versions	EB 125/200	EB 400/575	EB 575/800
Ident-No.	L2.76013KH	L2.76260KH L2.76262KH (Schaltbau)	L2.76184KH (Schuko) L2.0001687 (bare ends)
Mains Supply			
Line Power	240 VA (max.)	667 VA (max.)	1160 VA (max.)
Supply Voltage	90-130 V~ / 180-250 V~ / 50/60 Hz 1, N, PE	90-130 V~ / 180-250 V~ / 50/60 Hz 1, N, PE	90-130 V~ / 180-250 V~ / 50/60 Hz 1, N, PE
Nominal Current	2.7-1.8 A / 1.3-1.0 A	7.4-5.1 A / 3.6-2.6 A	11.1-8.9 A / 5.8-4.4 A
Power Factor	cos ϕ = 0.98	cos ϕ = 0.98	cos ϕ = 0.98
Line plug	Schuko	Schuko	Schuko / bare ends
Lamp Connection			
Lamphead connector	Binder / Amphenol	International (VEAM) / Schaltbau	International (VEAM)
Lamp Power	125 W/200 W	400 W/575 W	575 W / 800 W
ARRI corresponding lamphead	ARRILUX Pocket PAR 125 W ARRILUX Pocket PAR 200 W ARRI Compact 200 ARRISUN 2	TRUE BLUE D5 Compact 575 ARRISUN 5 Event ARRISUN 5 ARRI X5 ARRILUX Pocket PAR 400	M-Series M8 TRUE BLUE D5 Compact 575 ARRISUN 5 Event ARRISUN 5 ARRI X5
Power Adaption	constant control, automatic detection of lamp type	constant control, automatic detection of lamp type	constant control, automatic detection of lamphead
Current Characteristic	square wave, approx. 1000 Hz	square wave, approx. 1000 Hz	square wave, 75 Hz in „FF“ Flicker Free mode or 1000 Hz in High Speed mode, nearly square wave, 50 and 60 Hz in „low noise“ mode
Dimming	70 to 100% of nominal lamp power	50 to 100% of nominal lamp power	50 to 100% of nominal lamp power
Starting	cold start and hot restrike	cold start and hot restrike	cold start and hot restrike
Typical Light Ripple	typ. < 3%	typ. < 3%	typ. < 3%
General			
Dimensions (H x W x L)	70 x 130 x 241 mm (2.8 x 5.1 x 9.5")	91 x 155 x 270 mm (3.6 x 6.1 x 10.6")	141 x 202 x 334 mm (5.6 x 7.9 x 13.1")
Weight	approx. 2.3 kg (5.1 lbs)	approx. 3 kg (6.6 lbs)	approx. 6.5 kg (14.3 lbs)
Protective Rate	IP 21	IP 22	IP 22
Ambient Conditions	-20 to +50 °C (-4 to 122 °F)	-20 to +45 °C (-4 to 113 °F)	-20 to +50 °C (-4 to 122 °F)
Housing	silver extrusion housing	silver extrusion housing	blue standard housing
Indicators			
ON / OFF	✓	✓	✓
Protective Earth	✓	✓	✓
Lamp On	✓	✓	✓
Overtemperature	✓	✓	✓
Output Mode (Frequency)	✓	✓	✓
Remote / DMX	✓	✓	✓
Detected Lamp Power	✓	✓	✓
Features			
Automatic Lamp Recognition	✓	✓	✓
Automatic Lamphead Recognition	✓	✓	✓
Dimming	✓	✓	✓
AutoScan	✓	✓	✓
DMX	✓	✓	✓
Compensation of Cable Losses (CCL)	✓	✓	✓
Active Line Filter (ALF)	✓	✓	✓