

TECHNICAL DATA SHEET



MOBIL A2L



	Mobil A2L Lithium	Mobil A2L Lead
Article number	31.013.XX	31.012.XX
Flash energy	1200 J	1200 J
f-stop at 2 m (6 ½ ft), 100 ISO, P70 reflector with MobilLED	f 64 1/10	f 64 1/10
f-stop at 2 m (6 ½ ft), 100 ISO, with Mobilite 2	f 22 2/5	f 22 2/5
Flash duration t 0.5 / t 0.1		
fastest	1/1000 s / 1/350 s	1/1000 s / 1/350 s
max. energy	1/680 s / 1/230 s	1/680 s / 1/230 s
Charging time (for 100% of selected energy)		fast charge: 0.8 - 2.9 s normal charge: 1.2 - 5 s
No. of flashes per battery charge		
fast charge:	approx. 170	approx: 130
normal charge:	approx. 220	approx: 170
Ready display		Visual and audible (can be switched off); signals when 100 % of selected energy is reached.
Lamp outlets	2	2
Power distribution		symmetrical / asymmetrical 50/50 %, 70/30 %, 80/20 %
Controls	Fully illuminated silicone keyboard, resistant to dust and scratches, LCD display.	
Flash energy control range	Over 4 f-stops in 1/10 f-stop intervals, with asymmetry up to 6 f-stops.	
Modelling light	Max. 2 x halogen 100 W or 2 x LED 30 W to conserve battery charge selectable switch-off time setting (20/40/60/80 s). Continuous light modes (on/co).	
Flash triggering	Manual release button, sync cable, FCM2, FCC, IRX 2, IRQ, selectable photocell or wireless via built-in selectable infrared and radio receiver, RFS and RFS 2 transceiver	
Radio release	outdoors up to 50 m (164 ft.) (possible range up to 200 m / 656 ft.) indoors up to 30 m (98 ft.) (possible range up to 200 m / 656 ft.)	
Number of sync sockets	1	1
Battery	12 V / 7.8 Ah Li-FePo4	12 V / 12 Ah Lead
Dimensions (L x W x H) excl. handle	240 x 152 x 294 mm / 9.4 x 5 x 11.6 inch	240 x 152 x 294 mm / 9.4 x 5 x 11.6 inch
Weight of power pack	6.7 kg / 14.7 lbs	9.2 kg / 20.3 lbs
Stabilised flash voltage	+/- 0.5 %	+/- 0.5 %
Standards	CE 2006/95/EG, UL 122, EN 60065, EN 55014, EN 301489, VDE 733.1	