ZOOMLION

SCISSOR LIFTS

AC-L SERIES

Comply with CE/ANSI/CSA Standard

HIGHLIGHTS

High Performance

- AC system offers higher working efficiency
- IP67 rated waterproof protection on AC wheel motors for longer lifespan
- Lithium-ion batteries feature long service life that the running time increases by 30%, and could apply to -20°C cold working conditions

Cost Effectiveness

- Knuckles lubrication-free and maintenance-free
- AC motor full lifecycle maintenance-free
- Swing-out tray easy to service

Intelligent Connectivity

- Battery Management System (BMS) + Machine control system provide dual protection



FEATURES

Standard Features

BMS(Battery Management System)	Active pothole protection system
Proportional controls	Drivable at full height
All motion alarm	Hour meter
Fold-down handrails	Extension deck (unidirectional)
Flashing beacon	Charging protection system
Self-closing entry gate	Scissor maintenance prop
Autobrake system	Forklift pockets
Emergency descent system	Load sensing system
Emergency stop button	AC power to platform
On-board diagnostic	Horn
Over tilt protective system	

Accessories & Options

- Platform work lights
- Air line to platform
- Overhead protection bar
- Low-temperature hydraulic oil

ACCESS WITH ZOOMLION GREEN

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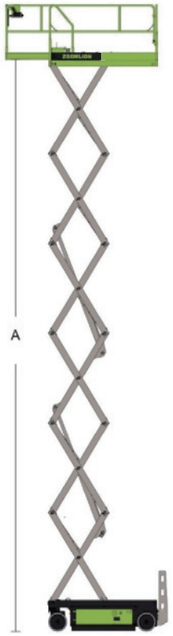
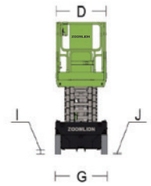
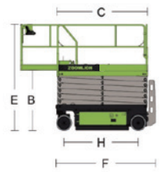
ZOOMLION

Model	ZS0607ACW-Li		ZS0607AC-Li		ZS0808AC-Li		ZS0812AC-Li		ZS1012AC-Li		ZS1212AC-Li		ZS1414AC-Li	
	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric
Size														
Work Height (Indoor/Outdoor)	25ft 7in	7.8m	25ft 7in/ 21ft 0in	7.8m/ 6.4m	32ft 10in/ 25ft 7in	10.00m/ 7.8m	32ft 10in	10.00m	38ft 9in	11.80m	45ft 3in/ 32ft 10in	13.80m/ 10m	51ft 6in/ 34ft 6in	15.7m/ 10.5m
A - Platform Height-Elevated (Indoor/Outdoor)	19ft	5.8m	19ft / 14ft 5in	5.8m/ 4.4m	26ft 3in/ 19ft	8.00m/ 5.8m	26ft 3in	8.00m	32ft 2in	9.80m	38ft 9in/ 26ft 3in	11.80m/ 8m	44ft 11in/ 27ft 11in	13.7m/ 8.5m
B - Platform Height-Stowed	3ft 5in	1.05m	3ft 5in	1.05m	4ft 2in	1.26m	4ft 2in	1.26m	4ft 7in	1.39m	4ft 12in	1.52m	5ft 1in	1.54m
C - Platform Length	5ft 5in	1.65m	5ft 5in	1.65m	7ft 7in	2.30m	7ft 7in	2.30m	7ft 7in	2.30m	7ft 7in	2.30m	8ft 9in	2.67m
D - Platform Width	2ft 5in	0.74m	2ft 5in	0.74m	2ft 8in	0.81m	3ft 8in	1.12m	3ft 8in	1.12m	3ft 8in	1.12m	3ft 8in	1.12m
Platform Extension	3ft	0.91m	3ft	0.91m	3ft	0.91m	3ft	0.91m	3ft	0.91m	3ft	0.91m	3ft	0.91m
E - Overall Height (Rails Up)	7ft 3in	2.20m	7ft 3in	2.20m	7ft 11in	2.4m	7ft 11in	2.4m	8ft 4in	2.53m	8ft 9in	2.66m	8ft 10in	2.68m
Overall Height (Rails Down)	5ft 10in	1.79m	5ft 10in	1.79m	6ft 3in	1.9m	6ft 2in	1.87m	6ft 7in	2m	6ft 7in	2.00m	6ft 7in	2.00m
F - Overall Length	6ft 1in	1.85m	6ft 1in	1.85m	8ft 2in	2.49m	8ft 2in	2.49m	8ft 2in	2.49m	8ft 2in	2.49m	9ft 5in	2.87m
G - Overall Width	2ft 8in	0.81m	2ft 6in	0.76m	2ft 8in	0.81m	3ft 9in	1.15m	3ft 9in	1.15m	3ft 9in	1.15m	4ft 7in	1.4m
H - Wheelbase	4ft 6in	1.37m	4ft 6in	1.37m	6ft 1in	1.85m	6ft 1in	1.85m	6ft 1in	1.85m	6ft 1in	1.85m	7ft 3in	2.22m
I - Ground Clearance (Stowed)	2.4in	0.06m	2.4in	0.06m	4.5in	0.11m	4.5in	0.11m	4.5in	0.11m	4.5in	0.11m	4.5in	0.11m
J - Ground Clearance (Raised)	0.65in	0.016m	0.65in	0.016m	0.75in	0.02m	0.75in	0.02m	0.75in	0.02m	0.75in	0.02m	0.75in	0.02m
Performance														
Platform Capacity	510lb	230kg	510lb	230kg	510lb	230kg	990lb	450kg	770lb	350kg	770lb	350kg	770lb	350kg
Capacity on Deck Extension	250lb	113kg	250lb	113kg	250lb	113kg	250lb	113kg	250lb	113kg	250lb	113kg	250lb	113kg
Max. Number of Workers (Indoor/Outdoor)	2/1		2/1		2/1		2/1		2/1		3/1 (CE) 2/1 (ANSI)		2/1	
Drive Speed (Stowed)	2.5mph	4km/h	2.5mph	4km/h	2.5mph	4km/h	2.5mph	4km/h	2.5mph	4km/h	2.5mph	4km/h	2.5mph	4km/h
Drive Speed (Raised)	0.5mph	0.8km/h	0.5mph	0.8km/h	0.5mph	0.8km/h	0.5mph	0.8km/h	0.5mph	0.8km/h	0.5mph	0.8km/h	0.5mph	0.8km/h
Turning Radius (Inside)	4in	0.1m	4in	0.1m	4in	0.1m	4in	0.1m	4in	0.1m	4in	0.1m	4in	0.1m
Turning Radius (Outside)	5ft3in	1.6m	5ft 3in	1.6m	6ft 11in	2.1m	7ft 3in	2.2m	7ft 3in	2.2m	7ft 3in	2.2m	8ft 6in	2.6m
Lifting Motor	24V/3.3KW		24V/3.3KW		24V/3.3KW		24V/3.3KW		24V/3.3KW		24V/3.3KW		24V/3.3KW	
Drive Motor	24V/0.65KW		24V/0.65KW		24V/0.65KW		24V/2×0.75KW		24V/2×0.75KW		24V/2×0.75KW		24V/2×0.75KW	
Up/Down Time	20s/24s		20s/24s		31s/40s		31s/40s		60s/35s		62s/42s		88/60s	
Gradeability	25%(14°)		25%(14°)		25%(14°)		25%(14°)		25%(14°)		25%(14°)		25%(14°)	
Max. Working Slope (Lateral/Vertical)	1.5°/3°		1.5°/3°		1.5°/3°		2°/3°		1.5°/3°		1.5°/3°		1.5°/3°	
Control	Proportional Control		Proportional Control		Proportional Control		Proportional Control		Proportional Control		Proportional Control		Proportional Control	
Drive	Front Wheels		Front Wheels		Front Wheels		Front Wheels		Front Wheels		Front Wheels		Front Wheels	
Brake	Front Wheels		Front Wheels		Front Wheels		Front Wheels		Front Wheels		Front Wheels		Front Wheels	
Tire	Ø13in ×4in	Ø323mm ×100mm	Ø13in ×4in	Ø323mm ×100mm	Ø15in ×5in	Ø381mm ×127mm	Ø15in ×5in	Ø381mm ×127mm	Ø15in ×5in	Ø381mm ×127mm	Ø15in ×5in	Ø381mm ×127mm	Ø15in ×5in	Ø381mm ×127mm
Power														
Battery	135Ah Li-ion		135Ah Li-ion		160Ah Li-ion		230Ah Li-ion		230Ah Li-ion		230Ah Li-ion		230Ah Li-ion	
Charger	24V/30A		24V/30A		24V/30A		24V/30A		24V/30A		24V/30A		24V/30A	
Charger (option)	N/A		N/A		24V/60A		24V/60A		24V/60A		24V/60A		24V/60A	
Weight														
Gross	3570lb	1620kg	3210lb	1455kg	4610lb	2090kg	5620lb	2550kg	6460lb	2930kg	6615lb	3000kg	7300lb	3310kg







ZOOMLION ACCESS reserves the right to make specification and/or equipment changes without prior notification.
Product specifications are updated to January, 2025.