

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

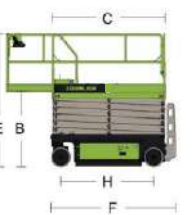
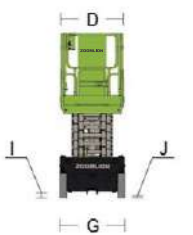
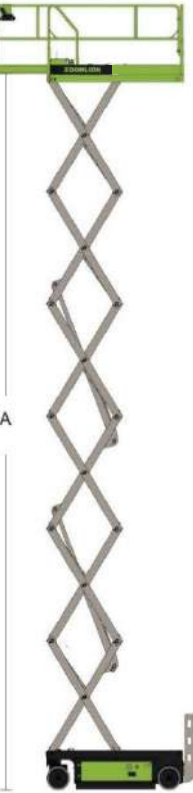
| | |
|--------------------------------|----------------------------------|
| BMS(Battery Management System) | Active pothole protection system |
| Proportional controls | Drivable at full height |
| All motion alarm | Hour meter |
| Fold-down handrails | Extension deck (unidirectional) |
| Flashing 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



| Model | ZS0607ACW-Li | ZS0607AC-Li | ZS0808AC-Li | ZS0812AC-Li | ZS1008AC-Li | ZS1012AC-Li | ZS1212AC-Li | ZS1414AC-Li |
|-----------------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------------|----------------------|
| | Metric | Metric | Metric | Metric | Metric | Metric | Metric | Metric |
| Size | | | | | | | | |
| Work Height (Indoor/Outdoor) | 7.80m | 7.80m/6.40m | 10.00m/7.80m | 10.00m | 12.00m/9.00m | 11.80m | 13.80m/10.00m | 15.70m/10.50m |
| A - Platform Height-Elevated (Indoor/Outdoor) | 5.80m | 5.80m/4.40m | 8.00m/5.80m | 8.00m | 10.00m/7.00m | 9.80m | 11.80m/8.00m | 13.70m/8.50m |
| B - Platform Height-Stowed | 1.05m | 1.05m | 1.26m | 1.26m | 1.39m | 1.39m | 1.52m | 1.54m |
| C - Platform Length | 1.65m | 1.65m | 2.30m | 2.30m | 2.30m | 2.30m | 2.30m | 2.67m |
| D - Platform Width | 0.74m | 0.74m | 0.81m | 1.12m | 0.81m | 1.12m | 1.12m | 1.12m |
| Platform Extension | 0.91m | 0.91m | 0.91m | 0.91m | 0.91m | 0.91m | 0.91m | 0.91m |
| E - Overall Height (Rails Up) | 2.20m | 2.20m | 2.4m | 2.40m | 2.53m | 2.53m | 2.66m | 2.68m |
| Overall Height (Rails Down) | 1.79m | 1.79m | 1.9m | 1.73m | 2.03m | 2m | 2.00m | 2.00m |
| F - Overall Length | 1.85m | 1.85m | 2.49m | 2.49m | 2.49m | 2.49m | 2.49m | 2.87m |
| G - Overall Width | 0.81m | 0.76m | 0.81m | 1.15m | 0.81m | 1.15m | 1.15m | 1.40m |
| H - Wheelbase | 1.37m | 1.37m | 1.85m | 1.85m | 1.85m | 1.85m | 1.85m | 2.22m |
| I - Ground Clearance (Stowed) | 0.06m | 0.06m | 0.11m | 0.11m | 0.11m | 0.11m | 0.11m | 0.11m |
| J - Ground Clearance (Raised) | 0.016m | 0.016m | 0.02m | 0.02m | 0.02m | 0.02m | 0.02m | 0.02m |
| Performance | | | | | | | | |
| Platform Capacity | 230kg | 230kg | 230kg | 450kg | 250kg | 350kg | 350kg | 350kg |
| Capacity on Deck Extension | 113kg | 113kg | 113kg | 113kg | 113kg | 113kg | 113kg | 113kg |
| Max. Number of Workers (Indoor/Outdoor) | 2/1 | 2/1 | 2/1 | 2/1 | 2/1 | 2/1 | 3/1 (CE) 2/1 (ANSI) | 2/1 |
| Drive Speed (Stowed) | 4km/h | 4km/h | 4km/h | 4km/h | 4km/h | 4km/h | 4km/h | 4km/h |
| Drive Speed (Raised) | 0.8km/h | 0.8km/h | 0.8km/h | 0.8km/h | 0.8km/h | 0.8km/h | 0.8km/h | 0.8km/h |
| Turning Radius (Inside) | 0.1m | 0.1m | 0.1m | 0.1m | 0.1m | 0.1m | 0.1m | 0.1m |
| Turning Radius (Outside) | 1.6m | 1.6m | 2.1m | 2.2m | 2.1m | 2.2m | 2.2m | 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 | 24V/3.3KW |
| Drive Motor | 24V/0.65KW | 24V/0.65KW | 24V/0.65KW | 24V/2x0.75KW | 24V/2x0.75KW | 24V/2x0.75KW | 24V/2x0.75KW | 24V/2x0.75KW |
| Up/Down Time | 20s/24s | 20s/24s | 31s/40s | 31s/40s | 55s/42s | 60s/35s | 62s/42s | 88/60s |
| Gradeability | 25%(14°) | 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° | 1.5°/3° |
| Control | Proportional 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 | Front Wheels |
| Brake | Front Wheels | Front Wheels | Front Wheels | Front Wheels | Front Wheels | Front Wheels | Front Wheels | Front Wheels |
| Tire | Ø323mm ×100mm | Ø323mm ×100mm | Ø381mm ×127mm | Ø381mm ×127mm | Ø381mm ×127mm | Ø381mm ×127mm | Ø381mm ×127mm | Ø381mm ×127mm |
| Power | | | | | | | | |
| Battery | 135Ah Li-ion | 135Ah Li-ion | 135Ah Li-ion | 230Ah 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 | 24V/30A |
| Weight | | | | | | | | |
| Gross | 1620kg | 1455kg | 2090kg | 2550kg | 2930kg | 2930kg | 3000kg | 3310kg |



ACCESS WITH ZOOMLION GREEN



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