



**TECHNISCHE SPECIFICATIES**





# 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 features 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
- ▶ Synthetic biodegradable hydraulic oil



## ACCESS WITH ZOOMLION GREEN

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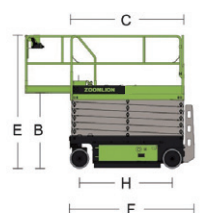
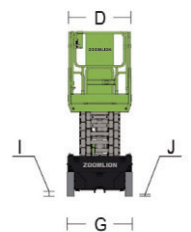
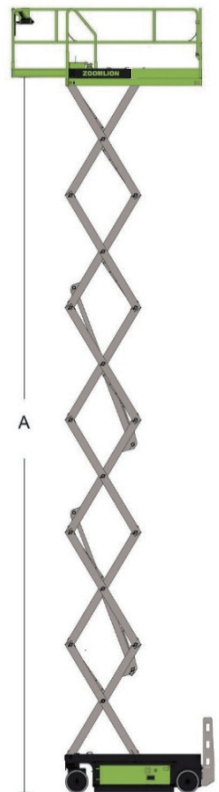
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# MAIN SPECS OF SCISSOR LIFTS

## AC-LI SERIES

Comply with CE/ANSI/CSA Standard

| 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/<br>21ft 0in | 7.8m/<br>6.4m    | 32ft 10in/<br>25ft 7in | 10.00m/<br>7.8m  | 32ft 10in            | 10.00m           | 38ft 9in             | 11.80m           | 45ft 3in/<br>32ft 10in | 13.80m/<br>10m   | 51ft 6in/<br>34ft 6in   | 15.7m/<br>10.5m  |
| A - Platform Height-Elevated (Indoor/Outdoor) | 19ft                 | 5.8m             | 19ft /<br>14ft 5in    | 5.8m/<br>4.4m    | 26ft 3in/<br>19ft      | 8.00m/<br>5.8m   | 26ft 3in             | 8.00m            | 32ft 2in             | 9.80m            | 38ft 9in/<br>26ft 3in  | 11.80m/<br>8m    | 44ft 11in/<br>27ft 11in | 13.7m/<br>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 12in               | 2.13m            | 7ft 1in                 | 2.15m            |
| 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)<br>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/2×0.75KW           |                  | 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<br>×4in        | Ø323mm<br>×100mm | Ø13in<br>×4in         | Ø323mm<br>×100mm | Ø15in<br>×5in          | Ø381mm<br>×127mm | Ø15in<br>×5in        | Ø381mm<br>×127mm | Ø15in<br>×5in        | Ø381mm<br>×127mm | Ø15in<br>×5in          | Ø381mm<br>×127mm | Ø15in<br>×5in           | Ø381mm<br>×127mm |
| Power                                         |                      |                  |                       |                  |                        |                  |                      |                  |                      |                  |                        |                  |                         |                  |
| Battery                                       | 160Ah Li-ion         |                  | 160Ah 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           |







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#### Bedrijfsgegevens

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BTW nummer: NL857520234B01

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