

# ZOOMLION

## ZS1212DC-Li (ZS4045DC-Li)

### LI-ION BATTERY POWERED SCISSOR LIFT



## FEATURES

### Standard Features

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

### Accessories & Options

- Platform work lights
- Air line to platform
- Overhead protection bar

## HIGHLIGHTS

### Cutting-Edge Driving System with Lithium Power

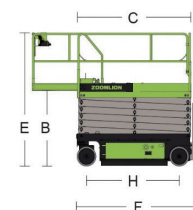
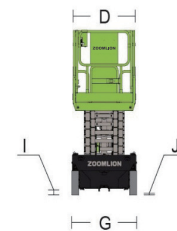
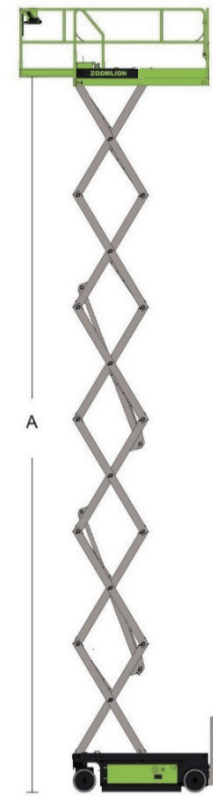
- Maintenance-free Lithium-ion battery
  - Up to 3 times life span than traditional wet/dry cell battery
  - Duty cycle time 20-30% increased compared to traditional wet/dry cell battery
  - Can be operated without loss of duty time down to -20 degrees, ideal for work in cold store environment
  - 5-year warranty
- Quick-charge technology save time
- Preheating function built-in for cold weather regions
- Smart Battery Management System (BMS) guarantees safety power

## ACCESS WITH ZOOMLION GREEN



## ZS1212DC-Li (ZS4045DC-Li)

Model	ZS1212DC-Li (ZS4045DC-Li)
<b>Size</b>	
Work Height	45ft 3in/32ft 10in (13.80m/10m)
A-Platform Height-Elevated	38ft 9in/26ft 3in (11.80m/8m)
B-Platform Height-Stowed	4ft 12in (1.52m)
C-Platform Length	7ft 7in (2.30m)
D-Platform Width	3ft 8in (1.12m)
Platform Extension	3ft (0.91m)
E-Overall Height (Rails Up)	8ft 9in (2.66m)
Overall Height (Rails Down)	6ft 12in (2.13m)
F-Overall Length	8ft 2in (2.49m)
G-Overall Width	3ft 9in (1.15m)
H Wheelbase	6ft 1in (1.85m)
I-Ground Clearance (Stowed)	4.5in (0.11m)
J-Ground Clearance (Raised)	0.75in (0.02m)
<b>Performance</b>	
Platform Capacity	770lb (350kg)
Capacity on Deck Extension	250lb (113kg)
Max. Number of Workers (Indoor/Outdoor)	2/1
Drive Speed (Stowed)	2.5mph (4km/h)
Drive Speed (Raised)	0.5mph (0.8km/h)
Turning Radius (Inside)	4in (0.1m)
Turning Radius (Outside)	7ft 3in (2.2m)
Lifting Motor	24V/3.3KW
Drive Motor	24V/2x0.75KW
Up/Down Time	62s/42s
Gradeability	25% (14°)
Max. Working Slope (Lateral/Vertical)	1.5°/3°
Control	Proportional Control
Drive	Front Wheels
Brake	Front Wheels
Tire	Ø15inx5in (Ø381mmx127mm)
<b>Power</b>	
Battery	230Ah Li-ion
Charger	24V/30A
Charger (Option)	24V/60A
<b>Weight</b>	
Gross	6615lb (3000kg)



A **battery management system (BMS)** is any electronic system that manages a rechargeable battery (cell or battery pack), such as by protecting the battery from operating outside its safe operating area, monitoring its state, calculating secondary data, reporting that data, controlling its environment, authenticating it and/or balancing it.