

# 中联重科 新能源

## ZT115EV 矿用自卸车 Mining Dump Truck

75 t

51 m<sup>3</sup> ( 2:1)

350 kWh



ZOOMLION

## Product Introduction

Using lithium iron phosphate batteries, the vehicle has the advantages of high safety, long life, and high energy density, providing a stable power source to meet the needs of long-time heavy-load transportation.

### Transmission

The double-input shaft DET6S360 6 transmission with two gears simultaneously driven and double-power decoupling design can optimally distribute power and improve operating efficiency.

### Suspension

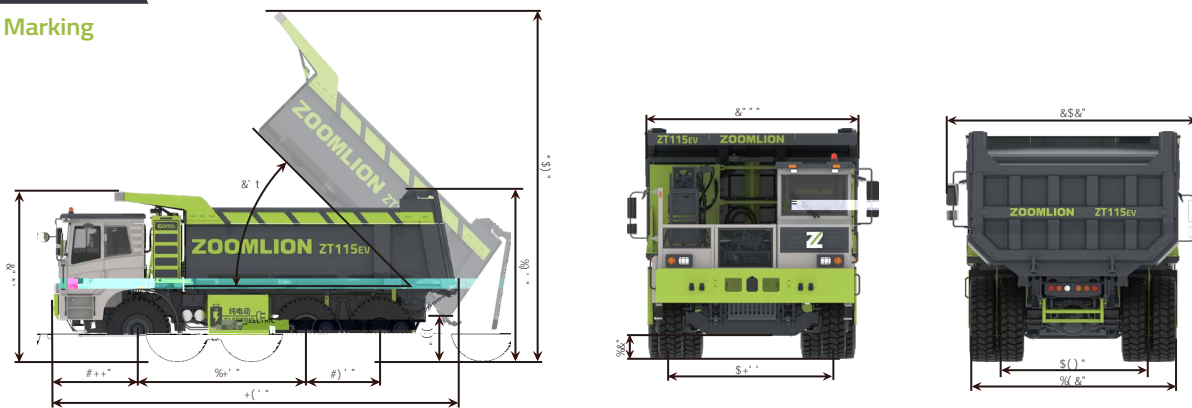
The front suspension system features a gas-oil spring and multi-link mechanism, greatly reducing the impact of uneven road surfaces and damping vibrations to ensure driving stability. Other features such as a narrow cabin, adjustable shock-absorbing seats, and sound insulation technology enhance driving comfort.

### Chassis

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The vehicle frame consists of a 12+12 double-layer foldable and reinforced bending plate and a six-beam riveted chassis. The forming process is excellent, and the design of deformation adaptability is optimal. The material used is 610L, giving better resistance to fatigue. The U-shaped structure and high-strength, wear-resistant steel used in the bottom plate and side panels guarantee a long service life.

## Vehicle Size Marking



## Vehicle Performance Marking

| Main Parameters     | Unit           | Value     | Main Parameters   | Unit | Value       |
|---------------------|----------------|-----------|-------------------|------|-------------|
| Curb Weight         | kg             | 35000     | Battery Capacity  | kWh  | 350         |
| Rated Payload       | kg             | 75000     | Battery Type      | /    |             |
| Max. Speed          | km/h           | 50        | Rated Power       | kW   | 210 x 2     |
| Min. Turning Radius | m              | 13        | Peak Power        | kW   | 350 x 2     |
| Capacity            | m <sup>3</sup> | 51 ( 2:1) | Rated/Peak Torque | Nm   | 1100 / 1800 |
| Tires               | /              | 16.00R25  | Transmission      | /    | DET6S360    |
| Steering System     | /              |           | Auxiliary Braking | /    |             |

