LiuGong

8x4 Dump Truck

GROSS VEHICLE WEIGHT	70,000 kg
CURB WEIGHT	22,000 kg
RATED POWER	330 kW (442 hp / 448 ps)
CARGO VOLUME	Ore 23 m³ / Coal 33 m³
TYPE	8x4 Battery Dump Truck
BATTERY CAPACITY	400 kWh
MAXIMUM SPEED	45 km/h



BATTERY ELECTRIC VEHICLE

TOUGH WORLD. TOUGH EQUIPMENT.

8x4 Dump Truck SPECIFICATIONS >>>

MOTOR	
Type	Permanent Magnet Synchronous Drive Motor
Rated Voltage	618 V
Rated Power	330 kW (442.53 hp / 448.67 ps) @ 2,000 rpm
Peak Power	460 kW (618.86 hp / 625.42 ps) @ 3,500 rpm

TRANSMISSION	
Type	AMT
Model	6E240
Gear Ratios	8.507/4.943/ 2.994/1.876/ 1.216/1.000
Maximum speed	45 km/h

FRONT AXLE	
Model	I-Shaped Cross-Section, With Fist-Shaped Ends
Load-Bearing Capacity	2 * 9,500 kg

REAR AXLE	
Model	Two-Stage Reduction Axle
Load Capacity	2 * 25,000 kg
Main Reduction Ratio	6.733

TIRE RIM	
Tire	12.00R24 20PR
Rim	8.5-24

CHASSIS FRAME	
Frame Thickness	8 mm + 8 mm
Section Height	300 mm

STEERING SYSTEM	
Category	Right-Mounted Hydraulic Power Steering

CABIN	
Seating Capacity	2
Air Conditioning Type	Single-Zone Cooling Air Conditioning

POWER BATTERY	
Model	L324D06
Type	Lithium Iron Phosphate Battery
Nominal Voltage	618 V
Nominal Capacity	648 Ah
Total stored electricity	400.61 kWh
Energy density	165.03 Wh/kg
Manufacturer/Brand	CATL

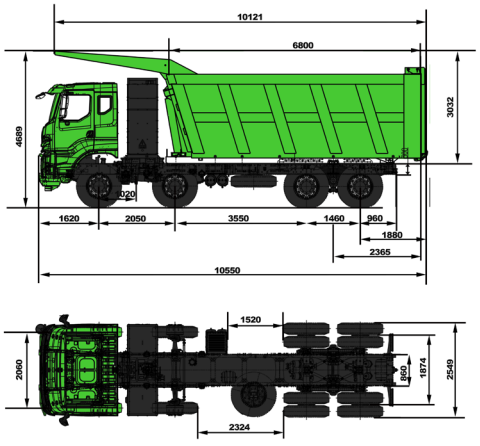
CHARGING PORT	
Recharging Method	Charge And Swap
Charging Power	370 kW

BRAKING SYSTEM	
Brake Type	Drum Brakes + Regenerative Braking
Parking Brake	Pneumatic Spring Energy Storage Brake
System	EBS+EPB

ELECTRICAL SYSTEM	
System Voltage	24 V
Battery	Lead-acid Battery
Nominal Capacity of Battery	100 Ah

DIMENSION	
Overall Vehicle Dimensions(Length × Width × Height)	10,550 mm × 2,550 mm × 3,400 mm
Wheel Base	2,050 mm + 3,550 mm + 1,450 mm
Track (Front/Rear)	2,060 mm / 1,874 mm
Minimum Ground Clearance	340 mm
Minimum Turning Diameter	23.2 m
Maximum Climbing Gradient	>30 %

CARGO BOX	
Cargo Box Volume	Ore 23 m³ / Coal 33 m³



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Replace the previous versions of 08/2025

Specifications and designs are subject to change without notice. Machines shown may include optional equipment. LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.