



XCMG EV Logistics Truck

XGA1040BEVEA1X

01

MAIN SPECIFICATION

Item	Parameter	Item	Parameter
PERFORMANCE PARAMETERS		BATTERY	
Drive type	4x2	Battery Manufacturer	CATL
Kerb mass	3800kg	Voltage	592.48V
GVW	7500kg	Capacity	237Ah
Max. speed	100km/h	Battery power	140.41 kWh
Min. turning diameter	14m	CABIN	
Grade ability	≥23%	Wide	1995mm
DIMENSIONS		Left/Right driving	LHD
Dimension	6165x2200x3050mm	AC	Standard
Wheelbase	3365mm	Person allowed in	2
Min. clearance	226mm	TIRE	
Approach angle	18°	Rims	16x5.5J
Departure angle	16°	Tire	7.00R16-14PR
Front overhang	1130mm	FRAME	
Rear overhang	1370mm	Type	Front-Wide Rear-Narrow
AXLE		Main Beam Section	180x65x5 mm
Front axle model	2.3T	Frame assembly width	860/800 mm
Rear axle model	5T	SUSPENSION	
Main reducer ratio	16.193	Front	Type: Leaf Spring
Brake Type	Drum		Leaf springs: 3
MOTOR		Rear	Type: Leaf Spring
Type	Rear axle motor		Leaf springs: 6+5
Working voltage	382V	BRAKE	
Rated/peak power	70/140 kW	Driving Brake System	Dual-Circuit Air Pressure Brake
Rated/peak speed	3714/12000 rpm	Brake Force Adjustment Type	ABS
Rated/maximum Torque	180/420 N·m	Parking Brake System	Spring-Energy Storage Air Cut-Off Brake



02 MAIN SPECIFICATION

To evaluate the energy efficiency of the light truck after reliability testing, a constant speed energy consumption test was conducted in power mode.

Test results (7.5t GVW):

- 40 km/h: 0.291 kWh/km
- 60 km/h: 0.379 kWh/km
- 80 km/h: 0.557 kWh/km



Speed (km/h)	SOC Change (%)	Distance Traveled (km)	Travel Time (h)	Total Energy Consumption - CAN (kWh)	Average Speed (km/h)	Avg. Energy Consumption (kWh/km)
40	10.8	52.186	1.301	15.193	40.1	0.291
60	10.8	39.761	0.66	15.065	60.2	0.379
80	10.8	26.932	0.337	15.012	80	0.557



Fully Equipped Overseas Parts Center



24/7 Technical Team - Fast Response Across the Philippines

WARRANTY



Motor & Controller: 3 years warranty



Battery : 5 years warranty by CATL



Complete Vehicle: 1 year warranty

Comprehensive coverage backed by top-tier suppliers. Reliable performance, worry-free ownership.



01

Eco-Friendly:

Zero emissions,
ideal for urban
delivery policies

02

Long Range:

Up to 316 km
with CATL battery

03

Strong Compact:

7.5-ton GVW, flexible
for different cargo
types

04

Reliable Support:

5-year battery warranty,
local after-sales network

**Cost Saving, Low Maintenance**

Lower energy cost and minimal
maintenance.

316 km range, 7.5-ton GVW—ideal for
logistics.

Solar panel integration cuts cost
further.

06

EFFICIENT CHARGING SOLUTION



XCMG 120-400kW DC fast charger · Suitable for all-weather commercial vehicle operation

Ultra-fast Charging

240-400kW high power output, charges up to 80% in 15 minutes

Wide voltage compatibility of 200-1000V, suitable for various light truck batteries

Intelligent Safety

Dual-gun simultaneous charging (50% efficiency increase)

Triple protection: leakage protection + insulation monitoring + emergency stop button

Durable and Reliable

IP54 protection rating, operates in full climate from -30 °C to 60°C

Intelligent air-cooling system, stable 24/7 operation





The truck offers extended range, easily covering major cities across Luzon, Visayas, and Mindanao.

Fully covers the Philippines' key economic zones with no need for mid-trip recharging.

Engineered for high-temperature, high-humidity environments with stable battery performance.

Paired with the XCMG 400kW fast charger, it can recharge up to 80% in just 15 minutes, ensuring fast turnaround and zero downtime.



08 APPLICATION SCENARIOS



Urban Logistics & Last-Mile Delivery



Supermarket & Cold Chain Transport



Industrial Supplies & Construction Materials



Customizable cargo box dimensions for different industries



Longheng Logistics

On June 16, 2023, XCMG delivered 100 pure electric light trucks to Longheng Logistics in Zhengzhou and signed a purchase agreement for 50 refrigerated trucks, highlighting its progress in green transport and the cold chain market.



SF Express

On September 30, 2024, XCMG delivered 500 new energy light trucks to SF Express, Asia's largest and the world's fourth-largest international logistics giant, launching a strategic partnership in green logistics.





Peak poultry logistics for the Spring Festival

In December 2024, XCMG delivered a batch of new energy light trucks to a customer in Liaocheng, Shandong, supporting peak poultry logistics for the Spring Festival.

JD Logistics

On March 20, 2024, XCMG and JD Group signed a strategic cooperation agreement in Beijing to jointly promote intelligent, digital, and green development.





Exported to New Zealand

XCMG light trucks exported to New Zealand received high praise from Prime Minister Ardern at the Hamilton Agricultural Expo, recognizing XCMG's contribution to the local economy.

Exported to Brazil

XCMG light trucks were delivered in bulk to the Brazilian market and made a strong impression at the local expo, earning customer attention with their reliable and efficient performance.





Exported to Philippines

13 APPLICABILITY



Market Demand / Feature	Model Advantage
Growing e-commerce & cold chain market	Ideal for urban logistics & fresh goods delivery with light-duty EV trucks
Heavy traffic in cities like Manila	3365mm wheelbase, 5995mm length — standard light truck size, easy to maneuver
High ambient temperatures (avg. 27. C)	Liquid-cooled battery ensures thermal stability and range reliability
High fuel cost (diesel ≈ \$0.7/L)	Electricity cost perkm is ~1/2–1/3 of fuel; long-term savings
Expensive ICE maintenance	No oil/gearbox needed; up to 30% lower annual maintenance cost
High solar energy potential (2000–3000 hrs/year)	Can pair with solar stations — ideal for rural warehouses & logistics hubs
Japanese ICE light trucks dominate the market	XCMG EV offers lower lifetime cost and better cargo box customization