

# ASEAN Electric Truck Industry Research Report 2026-2030

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## Abstracts

Electric trucks (e-Trucks) are commercial trucks that use electricity as their primary power source and operate by driving an electric motor through a power battery.

Electric trucks typically span three distinct segments: light-duty, medium-duty and heavy-duty. Light-duty electric trucks are primarily utilized for urban distribution and last-mile logistics. Medium-duty electric trucks are suitable for regional transport and short-haul intercity transportation. Heavy-duty electric trucks are predominantly deployed in scenarios such as port operations, mining transport, and trunk-line logistics.

The core demand for electric trucks in ASEAN stems from urban logistics, e-commerce delivery, port drayage and the electrification of public transportation.

E-commerce penetration in ASEAN continues to rise. Meanwhile, major cities such as Bangkok, Jakarta, and Ho Chi Minh City are gradually tightening controls on diesel vehicle emissions. This has spurred an increase in demand for light and medium-duty electric trucks.

In addition, fuel price fluctuations and corporate ESG pressures are also driving logistics companies to try electric fleet replacements.

Thailand, Indonesia and Singapore have clearly stated their traffic emission reduction targets. In the future, they may accelerate the replacement process through measures such as 'restricting the use of diesel vehicles' and providing subsidies for electric logistics vehicles, thereby promoting the penetration rate of electric trucks in urban logistics and port transportation.

CRI recommends that global electric truck manufacturers, dealers, truck parts manufacturers and investment institutions conduct timely market research on the ASEAN region to prepare for their strategic entry into the ASEAN electric truck market.

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Economic and Policy Environment of Electric Truck Industry in ASEAN

Analysis of the Electric Truck Industry in Major ASEAN Countries

Market Size of Electric Truck in ASEAN (2021–2025)

Analysis of Key Companies in the ASEAN Electric Truck Industry

Key Drivers and Market Opportunities of Electric Truck Industry in ASEAN

What are the key drivers, challenges and opportunities for the ASEAN electric truck industry during the forecast period of 2026–2030?

Which companies are the major market players in the ASEAN electric truck industry and what are their competitive advantages?

What is the projected revenue for electric truck market in ASEAN during the forecast period of 2026–2030?

What strategies have major market players adopted to increase their market share within this industry?

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