# We make the electric revolution work

★ The ways people and materials move are changing. Electric vehicle (EV) market share is rising, but adoption challenges remain a concern. EV manufacturers are tasked with balancing vehicle weight, power requirements, consumer expectations and costs. At Eaton, we combine vehicle expertise with extensive electrical insights to engineer forward-thinking solutions for EV systems. And we're also leveraging our electrical know-how to help develop more electrified aircraft. All for safer, cleaner and more cost-efficient transportation.

### 7.8 billion passengers will travel the skies in 2036—nearly double today's rate With so much growth on the horizon, we're ready to support

aerospace OEMs with lighter, fuel-efficient technologies that operate around the clock and make a positive impact on emissions reduction.



The increase in greenhouse emissions from air travel by the end of the century.



The total contribution of global greenhouse gas emissions from airplanes.3



Energy needed to fly

a Boeing 737 600 nautical miles.4

### With the industry-first steer-by-wire system and flap-by-wire controllers, our technologies maximize

efficiency and cut on weight and envelope.

### Our single-unit integrated hydraulic system is

lightweight to reduce fuel consumption and offers improved efficiency by converting electric power into hydraulic power.

\$362.7 billion by 2025.

The commercial electric vehicle market is on pace to reach

## Whether it's cross-country hauling or busing commuters to and from work, our commercial EV technologies help you keep pace with

performance goals without sacrificing your bottom line.



### Light commercial vehicles on global



annually to about 514,000.8

00.00

### Our EV transmissions deliver the efficiency and performance required for medium- and heavy-duty trucks and buses

around the globe

## charge batteries for greater flexibility.

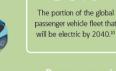
Our electronically regenerative accessory drive reduces emissions and increases fuel savings. The 48V motor powers HVAC systems and replaces alternators to



Our passenger EV expertise, global resource networks and product offerings help you build vehicles that go farther, charge faster and get

passengers safely to their destinations.

5.1 million in 2018.



protecting the main high-voltage bus to traction inverters and high-voltage auxiliary circuits.

The current fleet of electric

cars across the globe.11



4.4% of China's passenger

Our fast-acting fuses increase safety by

# regulating ac and dc power where and when it's needed.

Our power-dense inverters and DC/DC converters optimize driving dynamics and range by efficiently

We make what matters work. igstar By leveraging our electrical expertise, we enable our vehicle and aerospace customers to take their businesses to newer, greener horizons. We're working with OEMs around the globe to accelerate electrification and help build the efficient, safe electric vehicles of the

future. Because that's what really matters. And we're here to make sure it works. To learn

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more, visit Eaton.com/WhatMatters.