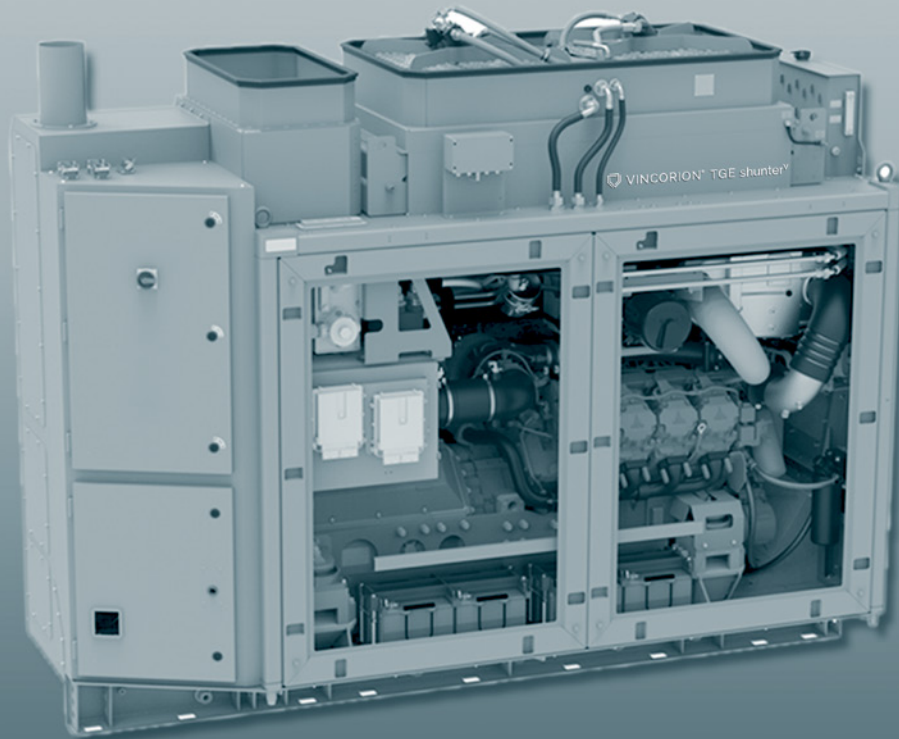




# VINCORION®



DEMANDS. CONVERTED.



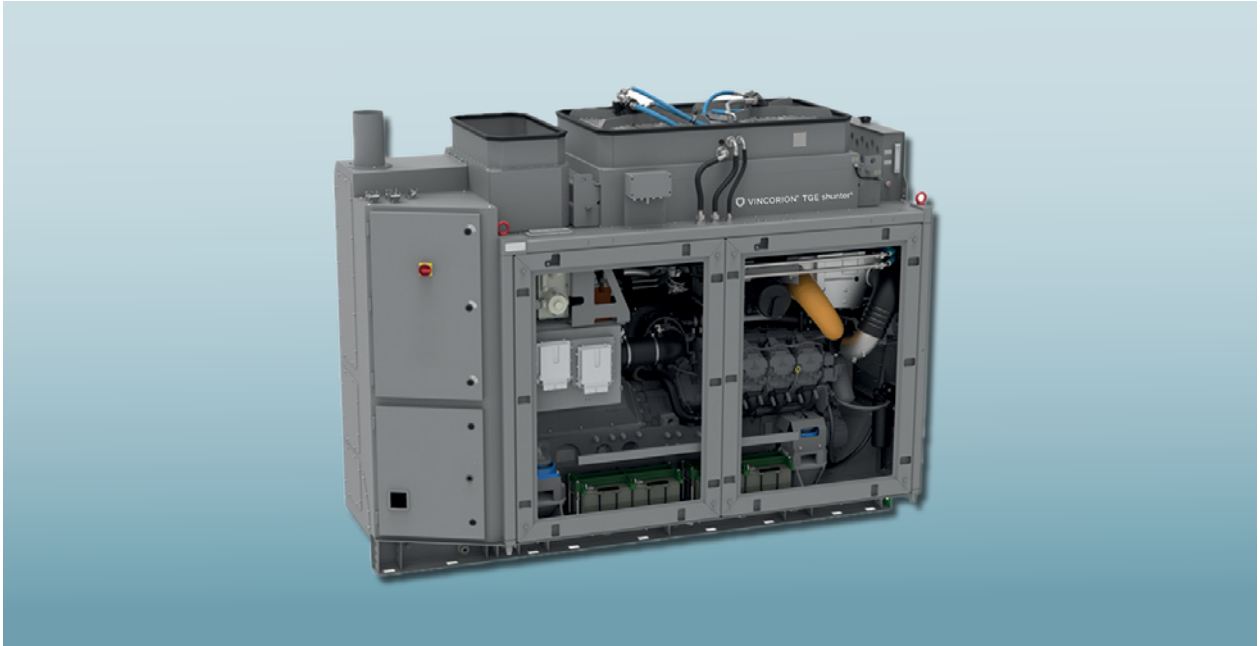
## TGE SHUNTER<sup>v</sup>. POWERING THE SPURT TO THE FINAL DESTINATION.

**TGE shunter<sup>v</sup> give you mobility down to the very last mile – without the need for additional shunting locomotives.**

TGE shunter<sup>v</sup> for electric locomotives eliminate any worries about not making it all the way to the terminal station. They are highly dependable and always come through when electrical power lines are missing or broken. So you won't need to resort to any complex shunting processes. This provides very high cost-effectiveness and greater flexibility for operators and results

in a lot fewer infrastructure investments. Depending on the operation cycles the customer return on investment for our TGE shunter<sup>v</sup> is less than three years of operation – more than two years ahead of the global market. This offers cutting-edge commercial advantages in a challenging logistics market. And it helps you to go green, with low exhaust emissions, variable speeds, and hybrid energy options that make them highly efficient.

# TGE SHUNTER<sup>V</sup>. A HEAD START BEFORE EVEN LEAVING THE STATION.



## TGE SHUNTER<sup>V</sup>

These TGE shunter<sup>V</sup> in the compact version were developed to supply traction energy to electric vehicles to keep them going when and where the overhead wire does not supply power to the vehicle. They are driven by high-tech diesel engines and can deliver their power directly into the electric traction system of the locomotive. The gensets are actuated by an electronic control device containing all necessary protection, operating, and control components. The control device, cooling unit, and silencer can either be integrated into the genset or delivered separately, depending on the customer's preference. Special requirements are taken into account, so customization is possible. Production and testing of the alternators are done according to EN 60349-1 and EN 60349-4.

## TGE shunter<sup>V</sup>: Getting You All the Way to the Station

### Technical Specifications\*

Rated Power	From 50 kW to 500 kW
Voltage	Max. 3,000 V DC Max. 1,000 V AC
Design	Synchronous, brushless Permanent magnet, brushless
Speed	Fixed speed 1,500 / 3,000 min <sup>-1</sup> Variable speed
Cooling Mode	Air-cooled (open-circuit ventilation) Air-cooled (surface cooling) Water-cooled

\*Construction variations and additional options possible upon request.



VINCORION Power Systems GmbH  
Suedliche Roemerstrasse 12-18 | 86972 Altenstadt | Germany  
Phone +49 8861 710-110 | railway@vincorion.com  
www.vincorion.com