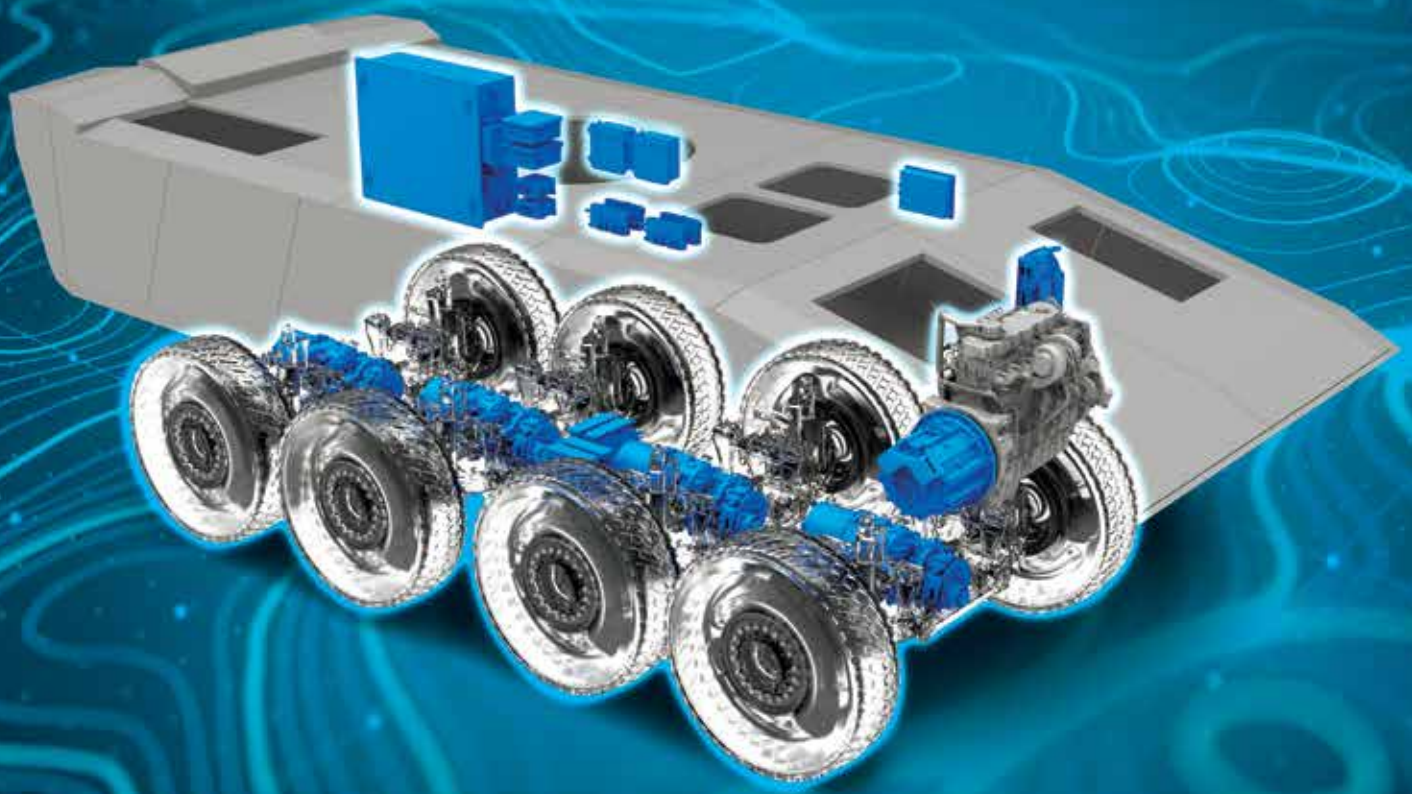


AXLE DRIVE

HYBRID ELECTRIC DRIVE KIT



FUTURE PROOF YOUR NEXT MISSION

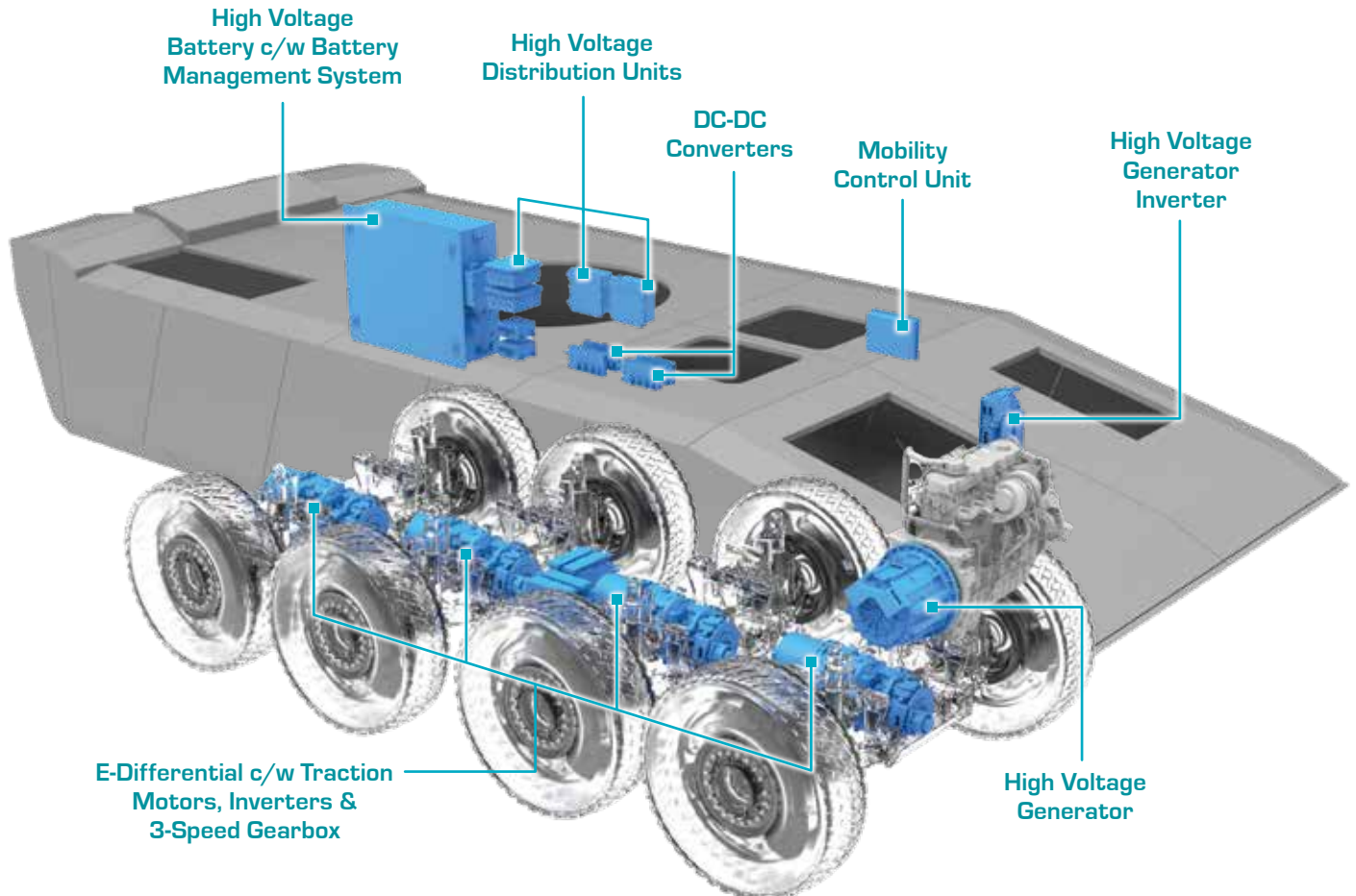
 **ST Engineering**

AXLE DRIVE HED KIT

The Axle Drive Hybrid Electric Drive (HED) Kit enhances vehicle dynamics with its simplified transmission components, improving efficiency and extending the vehicle's range. With silent drive enabled, the kit has improved evasion abilities for better survivability. It improves power capacity, enabling the digitalisation of capabilities such as open architecture for insertion of AI-driven software payloads, digital cockpit for full situational awareness, high energy payloads, and more.

KEY BENEFITS

MAXIMISE PERFORMANCE WITH HYBRID ELECTRIC DRIVE



ENHANCED OPERATIONAL EFFECTIVENESS



SUSTENANCE (LOGISTICAL ADVANTAGE)

- Extend operational reach with reduction in fuel consumption by up to 30%
- Lower fuel logistical burden
- Lower fleet operating cost (better Total Cost of Ownership)



SURVIVABILITY (TACTICAL ADVANTAGE)

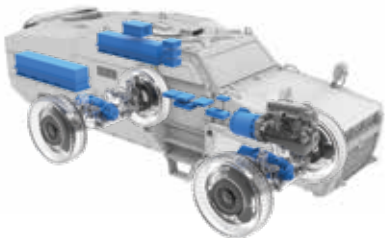
- Silent Drive with lowered acoustic and thermal signature for better evasion
- Silent Watch duration extended
- Increased acceleration for better manoeuvres and counter-strike evasion



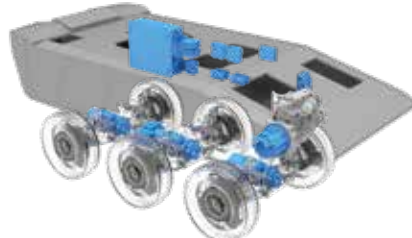
GROWTH (POWER ADVANTAGE)

- Replaces mobile gensets (450kW, 9x more export power)
- Mobile charging station for UAVs / UGVs
- High voltage power for high energy demand payloads
- Configurable to 4x4, 6x6, 8x8 Drive

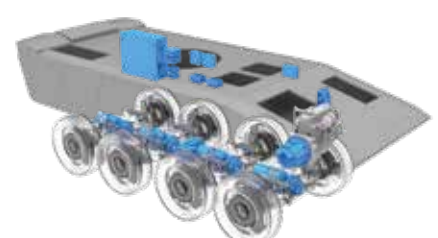
APPLICATION



4X4
(Gross Vehicle Weight up to 18,000kg)



6X6
(Gross Vehicle Weight up to 27,000kg)



8X8
(Gross Vehicle Weight up to 36,000kg)

TECHNICAL SPECIFICATIONS

Parameter	Axle Drive HED Kit		
	4x4	6x6	8x8
Gross Vehicle Weight (kg)	Up to 18,000	Up to 27,000	Up to 36,000
System Voltage (VDC)	700		
Total Output Power (kW / hp)	460 / 616	690 / 925	920 / 1233
Exportable Power (kW)	Up to 150	Up to 300	Up to 450
Silent Watch (hr)	Up to 24		
Silent Drive (km)	Up to 15	Up to 19	Up to 25
Range	Up to 30% improvement		

Note: Specifications are subject to change without prior notice. Images shown are for illustrative purposes only. Actual product(s) may vary.



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