



eGEN Force™



Proud Members of Team Lynx Electrified Performance



Allison continues to innovate, building on over 70 years of experience in military wheeled and tracked vehicles. As the necessity to balance efficiency, performance and reliability increases, Allison, a proud member of Team Lynx, will provide the eGen Force™ Transmission for Team Lynx's IFV solution by enabling electric hybrid propulsion as well as electric-only silent mobility.

The eGen Force is more than a transmission — it's a power distribution system, meeting requirements for the vehicle auxiliary systems while providing off-board power for micro-grid support. A parallel electric hybrid architecture enables engine-off mobility that reduces both acoustic and thermal enemy detection and aids soldier survivability.

The eGen Force OMFV model is also rated to 60.5 U.S. tons, providing significant growth potential for future innovation, capability upgrades and technology insertions.

Engineered to deliver optimal performance with added capabilities including drive-by-wire, on-board vehicle power and silent mobility by utilizing an optional electric motor for boost and supplemental propulsion.

eGen Force more than meets the grade by offering a powerful solution while still living up to the same quality and reliability expected from an Allison.

Advantages of Hybridization

- Improved fuel economy and vehicle range through hybrid architecture
- Enables electrification of high-power onboard systems
- Extended silent watch and micro-grid support capability

Enhanced Performance

- Optimal acceleration using fill and boost capability
- Silent mobility through low speed electric only propulsion

Scan to
learn more

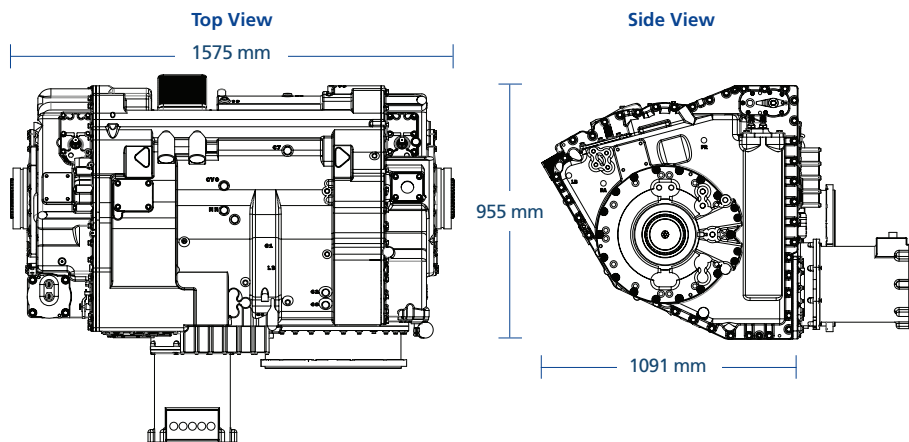


Advantages of eGen Force™

Advanced Capabilities:

- Designed from the ground up around hybrid electrification
- Optimal balance between fuel and battery efficiency
- Allows exportable power provisions and drive-by-wire capability
- Enables reliable and efficient silent mobility

Specifications



Features

Feature	Description
Engine Power	850 kW / 1140 hp
Width	1575 mm / 62 in
Length	1091 mm / 43 in
Height	955 mm / 37.6 in
Powertrain	Conventional with Hybrid Option
Dry Weight	< 2000 kg / 4400 lbs
Vehicle Weight	36-55 Tonne / 40-60.5 Ton
Gearing	8 forward, 3 reverse
Mechanical Ratio	11.9:1
PTO Options	Optional Mechanical or Electric
On-Board Vehicle Power	220kW @ 600 V Continuous
eMachine	600 Volt System
Drive-by-Wire Capable	Yes

A World of Support

From our headquarters in Indianapolis, Indiana, USA, to our plants in Hungary and India, to more than 1,400 Allison Authorized Distributors and Dealers around the globe, you are never far from the products, training, service and support you demand.

Our support starts from the moment an Allison transmission is specified. We work with you to ensure that the model and ratings fit your engine to create a tailored package of powerful performance and reliable efficiency. When you need parts or service, you can count on global access to factory-trained specialists and Allison Genuine Parts™.

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