

# Fortius-145

Commercial Vehicle  
Battery System



High-performance, European-made  
lithium-ion battery system for heavy-duty  
commercial vehicles

## Specifications

- High cycle life, European-made G/NMCA cells
- High energy density
- M3 Module technology
- Suitable for chassis mounting
- Tailored for on/off-road vehicles, agricultural & construction machinery
- Liquid-cooled
- Functionally safe BMS
- Durable stainless steel enclosure
- Tested according to ECE R100.03
- Ingress protection rated to IP69K

## Technical Data

<b>M3 Module Configuration</b>	15s(12s3p)
<b>Pack Nominal Voltage</b>	670 V
<b>Maximum Continuous Discharge Power</b>	200 kW
<b>Dimensions H x W x D</b>	738 x 568 x 1796 mm
<b>Weight</b>	1040 kg
<b>Specific Energy</b>	139 Wh/kg
<b>Volumetric Energy Density</b>	192 Wh/litre
<b>Enclosure Material</b>	Stainless Steel
<b>IP Level</b>	IP69 K
<b>System Energy</b>	147 kWh
<b>Maximum System Energy (4 units)*</b>	588 kWh



M3 Module

## Solution Benefits



### Performance

In-house designed and manufactured G/NMC lithium-ion cells with class leading energy density and cycle-life.



### Reliability

Proven battery system that meets customer needs across ground transport segments



### Safety

Intrinsic safety from cell to pack level. Tested to exacting industry standards.



### Manufacturing

High capacity state-of-the-art automated cell and module production facilities based in Europe.

\*With optional Multi-String-Manager

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THE ENERGY TRANSITION**

Specifications are subject to change without notice.



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