

**FPT ePowertrain solutions**

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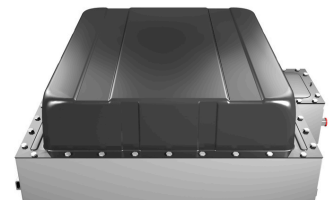
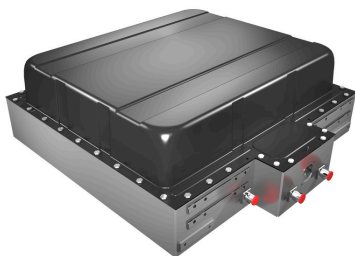
**Battery Storage Solutions**

The new eBS 37 EVO battery pack presents some substantial innovations: the eBM 5 Battery Management System - entirely developed and produced by FPT Industrial - and a new internal design which allows the battery to meet the highest safety standard ECE R100.3. Thanks to the FPT Industrial in-house Battery Management System eBM 5, the eBS 37 EVO ensures an increased battery life according to mission requirements.

**Specifications**

|                                |  |
|--------------------------------|--|
| <b>Model:</b>                  | eBS 37 EVO   |
| <b>Application:</b>            | LCV - Minibus  |
| <b>Type:</b>                   | HV Battery Pack                                      |
| <b>Nominal capacity (Ah):</b>  | 104  |
| <b>Nominal energy (kWh):</b>   | 37   |
| <b>Usable energy (kWh):</b>    | 35   |
| <b>Nominal voltage (V):</b>    | 355<br>(666 in case of multi pack)                   |
| <b>Voltage range (V):</b>      | 259 - 403  |
| <b>Energy density (Wh/kg):</b> | >140   |
| <b>C-rate (continuous):</b>    | 1C (charge)<br>2C (discharge)                        |
| <b>Weight (kg):</b>            | 260  |
| <b>Dimensions (mm):</b>        | 925 x 854 x 310                                      |
| <b>Multipack solution:</b>     | up to 4 packs in parallel<br>up to 2 packs in series |
| <b>Cathode technology:</b>     | NMC 811  |
| <b>Cell Technology:</b>        | Li-ion   |
| <b>Cell configuration:</b>     | 96s2p  |
| <b>Cooling system:</b>         | Water cooled   |
| <b>Protection:</b>             | IP6K9K / IP67  |
| <b>Vibration profile:</b>      | ISO 12405-2  |
| <b>Regulation Compliance:</b>  | ECE R100.3<br>ECE R10.6                              |
| <b>Life cycle:</b>             | >2.500   |
| <b>BMS:</b>                    | FPT eBM 5  |

**ENERGY STORAGE - BATTERY PACK**



IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

FOR INFORMATION ON THE AVAILABLE RATINGS NOT LISTED IN THIS DOCUMENT  
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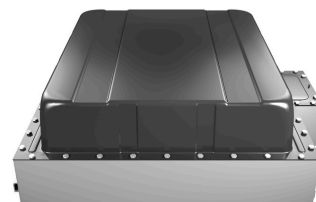
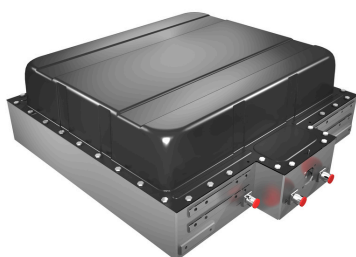
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| <b>Nominal voltage (V):</b>    | 355<br>(666 in case of multi pack)                   |
| <b>Voltage range (V):</b>      | 259 - 403  |
| <b>Energy density (Wh/lb):</b> | >63.5  |
| <b>C-rate (continuous):</b>    | 1C (charge)<br>2C (discharge)                        |
| <b>Weight (lb):</b>            | 573  |
| <b>Dimensions (inch):</b>      | 36.43 x 33.63 x 12.2                                 |
| <b>Multipack solution:</b>     | up to 4 packs in parallel<br>up to 2 packs in series |
| <b>Cathode technology:</b>     | NMC 811  |
| <b>Cell Technology:</b>        | Li-ion   |
| <b>Cell configuration:</b>     | 96s2p  |
| <b>Cooling system:</b>         | Water cooled   |
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