

FPT ENTERS THE TOP THREE OF EUROPE'S CERTIFIED HIGH-VOLTAGE BATTERY PRODUCERS WITH TÜV SÜD RECOGNITION

Turin, Italy, June 18th, 2026

FPT, the Iveco Group brand dedicated to the design, production, and sale of low-environmental impact powertrains, has obtained **certification in accordance with European Regulation (EU) 2023/1542 (Batteries Regulation) as manufacturer of high-voltage batteries**. In Europe, only three HV battery manufacturers, including FPT, boast this **certification**.

The subject of the audit, recently performed at FPT's carbon-neutral ePowertrain plant in Turin (Italy), was the **complete design, development, and manufacturing process of the FPT eBS 37 EVO high-voltage battery for light commercial vehicles, minibuses, and pleasure boating applications**.

The highly qualified multinational delegation involved in the audit was made up of three auditors from **TÜV SÜD Denmark ApS**, three representatives from **DANAK** – the National Accreditation Fund of Denmark – and one representative from **Accredia** – the National Accreditation Body of Italy. **The overall feedback was very positive**, and the auditors and observers were pleased with FPT's quality system and assembly line.

For customers of FPT high-voltage batteries, this **certification provides further assurance of the quality of both our product and its performance**, as the entire process has been scrutinized down to the smallest detail, and fully certified. The brand's battery passport-ready high-voltage batteries give customers exactly what counts most: **traceability, performance, durability**, and above all **trust**.

This audit will be mandatory for all European battery manufacturers when regulation EU 2023/1542 comes into full effect, but FPT has complied with it since 2024.

The FPT audit produced another remarkable result, since **TÜV SÜD Denmark ApS obtained accreditation by DANAK** according to European Regulation (EU) 2023/1542 (Batteries Regulation), allowing them to certify high-voltage battery manufacturers with a CE mark. **This result places TÜV SÜD among the first three technical service providers in Europe to reach this milestone.**

Notably, TÜV SÜD chose **FPT as a manufacturer of high-voltage batteries** and **IVECO Technology & Digital Validation & Homologation Vehicle & Battery Homologation**, an Iveco Group body also responsible for type-approving FPT's high-voltage batteries, to demonstrate that they were capable of conducting an **audit at a battery manufacturer in an appropriate manner**.



*“FPT demonstrated strong readiness ahead of schedule by passing the audit,” says **Simone Gianoglio, Technology & Digital Validation & Homologation Vehicle & Battery Homologation for Iveco Group**. “This is all the more gratifying for us since we were specifically chosen by TÜV SÜD as a pilot audit. This prestigious certification testifies our commitment to reliable, high-performance electrification solutions, with our range of advanced battery management systems and innovative energy storage systems, designed to maximize battery life and efficiency across a wide range of mission requirements.”*

*“At FPT, we have seen a highly motivated and very professional team that has fully committed to embedding quality in the manufacturing process,” says **Yalcin Ölmez, Lead Auditor for the EU Batteries Regulation at TÜV SÜD Denmark**. “What we have seen is battery production that meets the highest standards.”*

eBS 37 EVO ENERGY STORAGE SOLUTION. THE CERTIFIED, HIGH ENERGY DENSITY BATTERY PACK WITH THE HIGHEST SAFETY STANDARDS

The eBS 37 EVO, a 37 kWh Battery Pack for light commercial vehicles, minibuses, and marine applications, is a **modular battery pack** that incorporates cells and modules with **unique NMC Lithium-ion technology** for impressive energy density and depth-of-discharge (95%), with advantages in terms of reduced battery weight.

Thanks to its eBM 5 Battery Management System – entirely developed and produced by FPT – the eBS 37 EVO ensures an increased battery life according to mission requirements, while the special internal design allows the battery to meet the highest safety standards, ECE R100.4 & ECE R10.

The eBS 37 EVO, like the other battery packs produced by FPT, is battery passport-ready.

eBS 37 EVO Technical Specifications

Cell Technology: Li-Ion

Cooling system: Water cooled

Multipack solution: up to 4 packs in parallel | up to 2 packs in series

Nominal energy [kWh]: 37

Nominal voltage [V]: 355

Energy Density [Wh/kg]: > 140

C-rate (continuous): 1C (charge) / 2C (discharge)

Cathode technology: NMC 811

Protection: IP6K9K / IP67

Dimensions [L x W x H, mm]: 925 x 854 x 310

Weight [kg]: 260

Life Cycle: 2500

BMS: FPT eBM 5

Regulatory Compliance: ECE R100.4 / ECE R10.6



FPT is a brand of Iveco Group N.V. (EXM: IVG), dedicated to the design, production, and sale of powertrains and solutions for on- and off-road vehicles, as well as marine and power generation applications. Over 8,000

people across ten production sites and ten R&D centers work for FPT all around the world. Active in nearly 100 different countries, its global sales and its Customer Service department supports all Brand customers. The extensive product offering includes six engine ranges with power outputs from 30 hp to over 1,000 hp, transmissions with torque up to 500 Nm, and front and rear axles from 2.45 to 32 tonne GAW (Gross Axle Weight). FPT offers the most complete line-up of natural gas engines for industrial applications on the market, with power outputs ranging from 50 to 520 hp. A dedicated ePowertrain division is accelerating the path towards net zero-emissions mobility, with electric drivelines, battery packs, and battery management systems. This extensive offering, and its strong focus on R&D, makes FPT a world leader in industrial powertrains and solutions. For more information, visit www.fptindustrial.com.

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About TÜV SÜD

Founded in 1866 as a steam boiler inspection association, the TÜV SÜD Group has evolved into a global enterprise. Around 30,000 employees work at over 1,000 locations in about 50 countries to continually improve technology, systems, and expertise. They contribute significantly to making technical innovations such as Industry 4.0, autonomous driving, and renewable energy safe and reliable. www.tuvsud.com