

FPT ePowertrain solutions

Innovation and sustainability have always been fundamental characteristics of FPT Industrial. In order to remain at the forefront of technological advancements and effectively respond to market needs, the Brand created ePowertrain department in 2018. Based in the R&D centers in Arbon, Switzerland, and Turin, Italy, the ePowertrain department is focused on developing the powertrains of tomorrow, today. Being a global leader means setting new targets that grow more challenging every day. To reach them, we have drawn on our expertise along with the best innovative start-ups worldwide, through partnerships, acquisitions, and joint ventures. Now we can proudly display the results, showcasing, together, our range of eDriveline and Battery storage & management solutions.

Battery Storage Solutions

FPT Industrial’s high-performance, reliable, and top-quality ePowertrain range is completed by state-of-the-art battery storage and management solutions. In collaboration with Texas-based Microvast, a market leader in ultra-fast charging, long-life battery power systems, FPT Industrial has started to develop and produce battery pack for commercial vehicle, minibus and bus applications, featuring a multipack option for both goods and people transport missions.

Specifications (prototype version)

Model:	eBS 69
Application:	 Bus
Type:	Battery Pack
Cell Technology:	Li-ion
Cooling system:	Water-cooled
Nominal energy (kWh):	69
Energy density (Wh/kg):	>175
C-rate (continuous):	1C (charge) 1C (discharge)
Cathode technology:	NMC
Protection:	IP6K9K
Life cycles:	>6.500
Weight (kg):	388

ENERGY STORAGE – BATTERY PACK



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