



# Zeekr energy storage pack

What is zeekr EV battery technology?

ZEEKR unveils EV battery cell and pack technologies developed by in-house engineering team. The new LFP battery supports ultra-fast charging enhanced by 800V electrical system. With the new battery technologies, the vehicle will be able to charge 500 kilometers of driving range within 15 minutes.

How many kWh battery does a zeekr 007 have?

The governmental regulator exposed the Zeekr 007 sedan's battery options in China. The high-end EV from Geely Group will feature a 75.6-kWh LFP battery and a ternary NMC 100-kWh pack. Depending on the powertrain, its range is 688 - 870 km. The Zeekr 007 started pre-sales in November 2023. Its sales will begin in January 2024.

What is zeekr power?

Zeekr Power was established in March 2021 as a sub-brand for Zeekr Group's energy business. Backed by Zeekr Group's deep foundation in the automotive sector, Zeekr Power has created the most comprehensive ultra-fast charging ecosystem in the 800V era.

Why did zeekr design the battery pack for the new LFP?

In order to tackle that, ZEEKR's engineers carefully designed the battery pack for the new LFP to achieve high energy density at the pack level. Thanks to the application of newly-developed materials and simplified structural design, the volume utilization of the new battery pack reaches 83.7%, higher than many global peers.

What kind of battery does a zeekr 7gt have?

Built on an enhanced 800V electrical system, the Zeekr 7GT offers two battery options for different driving needs: a 75kWh lithium-iron-phosphate (LFP) battery for a driving range of 650 kilometers (CLTC). The longer-range variant carries a 100kWh nickel manganese cobalt (NMC) battery pack to extend the driving range to 825 kilometers (CLTC).

Are zeekr batteries good in winter?

Even at low temperature in winter, the charging performance of ZEEKR vehicles with new batteries outperforms many competitors. LFP batteries are traditionally regarded by the industry to have lower energy density in comparison with nickel-manganese-cobalt (NMC) batteries at the cell level.



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