

Export of lithium iron phosphate batteries and photovoltaic modules

Will China restrict the export of lithium iron phosphate (LFP)?

China's Ministry of Commerce has proposed restricting the export of technologies for producing lithium iron phosphate (LFP), an inexpensive cathode material for electric vehicle batteries. Nearly all LFP is made in China, and if the restrictions are implemented, companies outside of China could struggle to catch up.

What is the new lithium iron phosphate export restriction?

The move affects lithium iron phosphate (LFP) and related technologies, requiring export licences to balance development and security. The new restriction covers preparation technologies for battery cathode materials, including lithium iron phosphate, lithium manganese iron phosphate, and phosphate cathode raw materials.

Why is China limiting the export of battery cathode material preparation technologies?

China has introduced new restrictions on the export of battery cathode material preparation technologies, including those related to lithium iron phosphate (LFP) and lithium manganese iron phosphate (LMFP), citing growing applications in sensitive sectors and the need to align development with national security objectives.

Where are lithium iron phosphate (LFP) cathode powders made?

Nearly all lithium iron phosphate (LFP) cathode powders are produced in China. Taiwan's Aleees is one non-Chinese firm with LFP manufacturing technology. China's Ministry of Commerce has proposed restricting the export of technologies for producing lithium iron phosphate (LFP), an inexpensive cathode material for electric vehicle batteries.

Can battery cathode material preparation technology be exported?

Manufacturers or exporters of battery-related technologies are required to seek export licences before proceeding with international transfers. "Battery cathode material preparation technology is increasingly being used in sensitive fields," a Ministry of Commerce spokesperson said.

Does China have a monopoly on lithium phosphate & LMFP cathodes?

However, China's control over the sector is under increased scrutiny. The Chinese Ministry of Commerce recently proposed restrictions on exporting technologies essential for producing lithium iron phosphate (LFP) and lithium manganese iron phosphate (LMFP) cathodes. These materials are critical components in EVs and renewable energy systems.

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