

# Battery diaphragm materials Ministry of Industry and Information Technology

What will China's new lithium-ion battery regulation mean for the battery industry?

China's industrial regulator plans to launch a major document to guide the production capacity of lithium-ion batteries, which industry experts said will knock out a batch of low-end battery cells and accelerate the structural adjustment of the country's booming lithium-ion battery sector.

What are the standard conditions for lithium-ion batteries?

The Standard Conditions provides standardised guidance on the operation of lithium-ion battery companies and projects from many aspects. At the same time, the document also stipulates the performance of almost every type of lithium-ion batteries and battery packs, including consumer batteries and motive power batteries.

Should lithium-ion batteries be built on farmland?

No lithium-ion battery projects should be built on permanent basic farmland, "redline areas" for ecological protection or other areas where the construction of industrial enterprises is prohibited, the guidelines state.

What is the energy density of LFP battery pack monomer?

The general energy density of LFP battery pack monomer is only 160-180Wh/kg, hence it is still an insurmountable gap for some companies. As the performance of LFP battery is mostly affected by its cathode material, that is, LFP materials.

What is the current energy density of the sodium-ion battery industry?

The current energy density of the sodium-ion battery industry stands at only about 130wh/kg, which is far behind the Industry Standard Conditions and may have a certain impact on the subsequent expansion of the industry.

China is working to create measures to better manage the recycling of batteries used by new energy vehicles, an official with the Ministry of Industry and Information ...

On January 2, 2025, China's Ministry of Commerce issued a file titled "Notice on Adjustments to the Public Consultation for the Catalogue of Technologies Prohibited or Restricted from ...

The five years since the 18th Party Congress have been fruitful for industry and information technology in China. Over the past five years, the CCP Central Committee with ...

After the release of the new edition, the Lithium-ion Battery Industry Standard conditions (2018) and the interim measures for the Administration of Lithium-ion Battery ...

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Electronic Information Division of MIIT (Ministry of Industry and Information Technology) issued the Lithium-ion Battery Industry Standard Conditions (2021) (draft) and Administrative ...

The Electronic Information Department of the Ministry of Industry and Information Technology openly solicited opinions on the Lithium Ion Battery Industry Standard conditions ...

The Ministry of Industry and Information Technology (MIIT) released the direction of industrial development of new energy storage batteries (lithium-ion batteries / ...

The Talent New Energy representative said their new semi-solid-state battery technology is the first in the industry to take a diaphragm-free design approach.. Key ...

Recently, the Ministry of Industry and Information Technology released the situation of the national lithium-ion battery industry in the first half of 2021, pointing out that ...

Welcome to this press conference held by the State Council Information Office (SCIO). Today, we have invited Mr. Tian Yulong, chief engineer and spokesperson of the ...

Zhang Haideng, deputy director of the Raw Materials Industry Department of the Ministry of Industry and Information Technology said that we must strictly implement capacity ...

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