

What are lithium futures & options?

Lithium futures and options offer price transparency and efficient risk management. They are financially settled each business day of the contract month, based on monthly average of assessments published by Fastmarkets, a leading commodities benchmark data provider. Battery Metals Prices are Falling. Will Demand Catch up to Supply?

What is a lithium futures contract?

The Lithium futures contract is a cost-efficient hedging tool to protect profit margins and minimize risk. The underlying Fastmarkets assessment for battery grade lithium hydroxide delivered into China, Japan, and Korea serves as a reference point for the industry.

Will lithium be a critical mineral of the future?

Most lithium processing takes place in China, and prices for downstream chemicals such as lithium hydroxide are often correlated to spodumene rock prices. "We know for sure that battery metals will be one of the critical minerals of the future, and underlying demand will go up," said Jin Hennig, global head of metals at CME Group.

How much will lithium carbonate futures cost in 2024?

The other six contracts plunged by the exchange-imposed first-day fluctuation of 14 percent. The seven lithium carbonate futures contracts all have a benchmark price of CNY246,000 (USD34,299) per ton with maturity dates between January 2024 and July 2024, the Guangzhou Futures Exchange said yesterday.

Who can participate in battery grade lithium hydroxide futures?

The underlying Fastmarkets assessment for battery grade lithium hydroxide delivered into China, Japan, and Korea serves as a reference point for the industry. Some potential participants in Lithium futures could be producers, trading houses, battery makers, original equipment manufacturers (OEMs), car manufacturers, or investors.

How to trade gfex & SGX lithium carbonate futures & options?

Traders can trade GFEX and SGX Lithium Carbonate Futures and Options through Orient Futures Singapore. SGX offers FM Lithium Carbonate CIF CJK (Battery Grade) LIC/LICF futures contracts for traders to participate in the price discovery and hedging opportunities of this essential commodity in the lithium market.

Lithium-ion batteries (LIBs) are extensively utilized in electric vehicles due to their high energy density and cost-effectiveness. ... (20220508003RC), and Foreign Expert Introduction Program ... Finally, we discuss the challenges associated with using ML methods for state estimation and outline future development trends. Conflicts of Interest ...

The first rechargeable lithium battery was designed by Whittingham (Exxon) and consisted of a lithium-metal anode, a titanium disulphide (TiS₂) cathode (used to store Li-ions), and an electrolyte ...

6 ???· The Lithium futures contract is a cost-efficient hedging tool to protect profit margins and minimize risk. The underlying Fastmarkets assessment for battery grade lithium hydroxide delivered into China, Japan, and Korea serves ...

SGX Lithium Carbonate Futures. Apart from GFEX, traders can also trade Lithium Carbonate Futures through the Singapore Exchange (SGX). SGX offers FM Lithium Carbonate CIF CJK (Battery Grade) LIC/LICF futures contracts for ...

The global shift towards net zero emissions has significantly increased demand for traditional commodities and created new markets, particularly within the battery supply chain supporting electric vehicles and energy storage systems. This paper explores the performance and trajectory of the lithium futures market, which emerged to manage price volatility in the ...

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Green Lithium (2022), backed by the global metals trader Trafigura, 46 received ATF funding for a feasibility study to develop Europe's first large-scale lithium refinery, drawing on spodumene feed to produce lithium hydroxide (for NMC battery chemistries) and lithium carbonate (for LFP chemistries) on Teesside (NOF 2023). 47 Alkemy's wholly owned subsidiary Tees ...

Volume and open interest in lithium futures have grown rapidly since the second half of 2022. Source: CME Group. One battery scientist agrees. Jeff Dahn, Professor Emeritus of Physics and Professor of Chemistry at ...

CME Group has launched contracts that track the price of the raw material for lithium batteries, stepping up its rivalry with the London Metal Exchange for dominance of the global market for ...

Lithium batteries are characterized by high specific energy, high efficiency and long life. These unique properties have made lithium batteries the power sources of ...

1 ??· "Right now, the U.S. doesn't have sufficient supply of the raw materials and refining capacity to produce enough batteries to meet the growing demand and is dependent on imports of batteries and battery materials while at the same time it is losing a lot of battery materials via exports of end-of-life/scrap batteries which are shipped overseas due to lack of recycling ...

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