

THE BATTERY CHARGE

STAYING UP-TO-DATE ON ADVANCED BATTERY METALS AND THE ELECTRIFICATION TREND.

BATT

AMPLIFY ADVANCED BATTERY METALS & MATERIALS ETF

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Dispelling the Myths of China's EV Market (Bloomberg):

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COMMENTARY

2018 was a turbulent year for advanced battery metals and mining stocks. This market segment includes mining and recycling stocks supporting the lithium ion battery supply chain which consists metals like Lithium, Cobalt, Nickel, Graphite, Manganese, and Vanadium. The longer-term investment case for these stocks is that given the significant ramp-up in global demand for electric vehicles, energy storage and smart devices, demand will outstrip the current supply of these difficult to obtain metals. So, given the projected supply-demand imbalances, what caused the segment to derail in 2018?

After battery metals stocks posted positive returns in 2017, several bearish opinions of battery metals began to circulate early in 2018, primarily the thought of oversupply of these metals. Critics of this analysis pointed out that newly announced mining projects often don't come to fruition due to the high costs, regulations and geopolitical hurdles involved in new battery metals projects. Thus, bearish analysts were overestimating future supply according to critics. Nevertheless, negative sentiment on battery metals due to overcapacity concerns flourished in 2018.

Adding to the negative impact of bearish capacity concerns were several macro factors. A strong U.S. dollar caused bear market conditions in emerging market and commodity stocks which pushed down many battery metals stocks. In addition, the prospect of a trade war between the U.S. and China put pressure on the market segment. If that macro concern wasn't large enough, general concerns about a slowdown in global growth also put a damper on the growth prospects of battery metals and mining stocks.

So far in 2019, battery metals have rebounded on various factors, with the primary being upbeat trade deal sentiment. Amplify continues to believe that the long-term outlook for lithium-ion battery demand remains quite positive. Underlying demand drivers for advanced battery metals – increased adoption of electric vehicles, the need for more robust energy storage and the growth of smart devices – all appear to be robust. Additionally, the stock price performance of the market segment should benefit when the trade conflict between the U.S. and China is resolved.

The Amplify Advanced Battery Metals and Materials ETF – BATT is a professionally managed ETF that seeks to provide exposure to Lithium, Cobalt, Nickel, Manganese and Graphite via publicly-traded stocks. Companies in the portfolio are principally engaged in the business of mining, exploration, production, development, processing or recycling of advanced battery metals and materials. BATTETF.com

BATT Top 10 Holdings

Fund holdings and sector allocations are subject to change and are not a recommendation to buy or sell any security.

Opinions expressed are subject to change at any time, are not guaranteed and should not be considered investment advice.

For the BATT prospectus, [click here](#).

Investing involves risk, including the possible loss of principal. The Fund is subject to management risk because it is actively managed. Shares of any ETF are bought and sold at market price (not NAV), may trade at a discount or premium to NAV and are not individually redeemed from the Fund. Narrowly focused investments typically exhibit higher volatility. A portfolio concentrated in a single industry, such as advanced battery metals and materials, makes it vulnerable to factors affecting the companies. The Fund may face more risks than if it were diversified broadly over numerous industries or sectors. The Fund has become more susceptible to potential operational risks through breaches in cyber security. The Fund will invest in securities that are issued by and/or have exposure to, companies primarily involved in the metals and mining industry. Investments in metals and mining companies may be speculative and subject to greater price volatility than investments in other types of companies. The exploration and development of metals involves significant financial risks over a significant period of time, which even a combination of careful evaluation, experience and knowledge may not eliminate. Rare earth metals have more specialized uses and are often more difficult to extract. The increased demand for these metals has strained supply, which could adversely affect the companies in the Fund's portfolio. Some of the companies in which the Fund will invest are engaged in other lines of business unrelated to the mining, refining and/or manufacturing of metals and these lines of business could adversely affect their operating results. The Fund's assets will be concentrated in the materials sector, which means the Fund will be more affected by the performance of the materials sector than a fund that is more diversified. The Fund currently has fewer assets than larger funds, and like other relatively new funds, large inflows and outflows may impact the Fund's market exposure for limited periods of time. The Fund will invest in the securities of non-U.S. companies. Investments in emerging market issuers are subject to a greater risk of loss than investments in issuers located or operating in more developed markets. The mining, refining and/or manufacturing of metals may be significantly affected by regulatory action and changes in governments. Small and/or mid-capitalization companies may be more vulnerable to adverse general market or economic developments.

Amplify Investments LLC is the Investment Adviser to the Fund, and Toroso Investments, LLC and Exponential ETFs serve as the Investment Sub-Advisers.

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