



ACDC

Global X Battery Tech & Lithium ETF



Invest in the energy storage and production megatrend.

Thematic Growth – Disruptive Technology

FUND DETAILS

ASX Code	ACDC
Bloomberg Code	ACDC AU EQUITY
IRESS Code	ACDC.AXW
Benchmark	Solactive Battery Value-Chain Index
Mgt. Fee (% p.a.)*	0.69
Rebalance Frequency	Semi-Annually
Distribution Frequency	Annually
W-8 BEN Form Required	No

* Calculated on the Net Asset Value (NAV) of the Fund. All fees and costs are inclusive of GST. Refer to the PDS for a complete list of fees and costs.

KEY FEATURES



High Growth Potential

Battery technology and lithium are essential to the rise of electric vehicles (EVs), renewable energy storage, and mobile devices.



Advancing Clean Technologies

EVs produce zero direct emissions, meaning broader adoption could result in reduced greenhouse gas emissions and improved urban air quality.



Unconstrained Approach

ACDC invests in companies throughout the lithium cycle, including mining, refinement and battery production, cutting across the traditional sector and geographic definitions.

INTRODUCING ACDC

ACDC offers investors exposure to global companies developing electro-chemical storage technology and mining companies producing battery-grade lithium. ACDC aims to provide investors with a return that, before fees and expenses, tracks the performance of the Solactive Battery Value-Chain Index.

DID YOU KNOW?

- Almost 60% of lithium is mined for battery-related applications¹.
- Australia has approval for a 2.4GWh energy storage facility which will be one of the biggest batteries in the world and capable of servicing up to 2,200,000 households for two hours, located at the Melbourne Renewable Energy Hub².

WHAT IS BATTERY TECHNOLOGY?

A battery is a device consisting of one or more electro-chemical cells that can generate electrical energy from chemical reactions. Traditional batteries have a lead or alkaline base but lithium ion batteries have transformed the space. New electro-chemical technologies such as lithium, lead-carbon or flow batteries continue to be developed. Batteries are used to power a range of items, from personal consumer electronics like phones, to electric vehicles to industrial uses such as energy grid storage.

The value chain for battery technology ranges from mining companies, mining for metals like lithium, to manufacturers of battery storage and storage technology providers. All are potential beneficiaries of the anticipated growth in this industry.

THE FUTURE OF BATTERY TECHNOLOGY - A GROWING MARKET

Battery technology is central to the growth of renewable energy and electric vehicle usage.

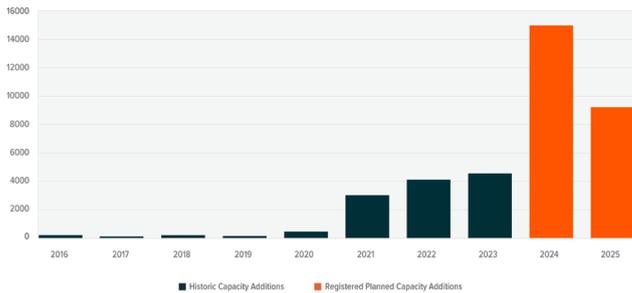
- Wind and solar energy are forecast to supply around 65% of the world's electricity needs by 2050³.
- Electric vehicles collectively are expected to create an additional 5,640 terawatt-hours of power demand by 2050 (about 14% of global electricity consumption)⁴.

To support this growth, the battery market is anticipated to reach US\$400bn by 2025⁴ and battery storage is poised to grow at least 17-fold by 2030⁵.



HISTORIC AND PLANNED U.S. BATTERY STORAGE CAPACITY ADDITIONS

Source: Global X ETFs with information derived from: U.S. Energy Information Administration. (2023, November 27).



HOW TO USE ACDC IN A PORTFOLIO

- ACDC can be used as a tactical tilt towards emerging technologies in the industrials and materials sector.
- As a thematic tilt towards megatrends, including the trend towards renewable energy and electric vehicles.

HOW ACDC WORKS

- The index universe is selected from two databases: Clean Horizon's Energy Storage Source to select energy technology manufacturers and Fastmarkets' Metal Bulletin to identify mining companies classified as 'Battery Grade Lithium Producers'.
- To be included in the index, companies must have a primary listing on a major, developed market exchange, have a free float capitalisation of at least US\$200m and not be classified by FactSet as an 'Energy' company.
- The index universe includes an environmental, social and governance (ESG) screen that removes companies non-compliant with the UN Global Compact Principles; and companies producing revenue from Tobacco, Weapons, Small Arms, Coal, Conventional & Unconventional Oil & Gas, Gambling, Adult Entertainment, and Alcohol. Further details regarding the ESG exclusions are available at <https://www.solactive.com/>.
- Companies are weighted equally at each semi-annual rebalance in May and November.

For more information on Global X Battery Tech & Lithium ETF (ASX Code: ACDC), please speak to Global X ETFs.

Client Services

+61 2 8311 3488 | info@globalxetfs.com.au

[1] (McKinsey, 2023) <https://about.bnef.com/new-energy-outlook/>

[2] (Equis, 2023) <https://www.caradvice.com.au/843957/tesla-battery-south-australia/>

[3] (Bloomberg NEF, 2023) <https://bnef.turtl.co/story/neo-2022/page/1>

[4] (McKinsey, 2023) <https://www.mckinsey.com/industries/automotive-and-assembly/our-insights/battery-2030-resilient-sustainable-and-circular>

[5] (IRENA, 2023) <https://www.irena.org/publications/2017/Oct/Electricity-storage-and-renewables-costs-and-ma>

This document is issued by Global X Management (AUS) Limited ("Global X") (Australian Financial Services Licence Number 466778, ACN 150 433 828) and Global X is solely responsible for its issue. This document may not be reproduced, distributed or published by any recipient for any purpose. Under no circumstances is this document to be used or considered as an offer to sell, or a solicitation of an offer to buy, any securities, investments or other financial instruments. Offers of interests in any retail product will only be made in, or accompanied by, a Product Disclosure Statement (PDS) which is available at www.globalxetfs.com.au. In respect of each retail product, Global X has prepared a target market determination (TMD) which describes the type of customers who the relevant retail product is likely to be appropriate for. The TMD also specifies distribution conditions and restrictions that will help ensure the relevant product is likely to reach customers in the target market. Each TMD is available at www.globalxetfs.com.au. The information provided in this document is general in nature only and does not take into account your personal objectives, financial situations or needs. Before acting on any information in this document, you should consider the appropriateness of the information having regard to your objectives, financial situation or needs and consider seeking independent financial, legal, tax and other relevant advice having regard to your particular circumstances. Any investment decision should only be made after obtaining and considering the relevant PDS and TMD. Investments in any product issued by Global X are subject to investment risk, including possible delays in repayment and loss of income and principal invested. The value or return of an investment will fluctuate and an investor may lose some or all of their investment. Past performance is not a reliable indicator of future performance. The financial instrument is not sponsored, promoted, sold or supported in any other manner by Solactive AG nor does Solactive AG offer any express or implicit guarantee or assurance either with regard to the results of using the index and/or Index trademark or the Index Price at any time or in any other respect. The Index is calculated and published by Solactive AG. Solactive AG uses its best efforts to ensure that the Index is calculated correctly. Irrespective of its obligations towards the Issuer, Solactive AG has no obligation to point out errors in the Index to third parties including but not limited to investors and/or financial intermediaries of the financial instrument. Neither publication of the Index by Solactive AG nor the licensing of the Index or Index trademark for the purpose of use in connection with the financial instrument constitutes a recommendation by Solactive AG to invest capital in said financial instrument nor does it in any way represent an assurance or opinion of Solactive AG with regard to any investment in this financial instrument. Solactive AG will not be responsible for the consequences of reliance upon any opinion or statement contained herein or for any omission.

Information current as at 5 February 2024.