

tann

Solar Energy UCITS ETF - Acc

Factsheet | Data as of 31 Aug 2023

Investment Objective

The Solar Energy UCITS ETF 'TANN' seeks to offer pure-play exposure to the rapidly growing global solar industry. The TANN Solar ETF tracks the EQM Global Solar Energy Index (SOLARNTR) which is focused on companies that derive significant revenue from solar energy-related business operations including manufacturing of photovoltaic, solar cells, and systems; producers of solar power generation, equipment, and components; providers of solar power system installation, development, and financing; and/or manufacturing of solar-powered charging and energy storage systems.

Why TANN?



Europe's first pure-play solar ETF

The Solar Energy ETF is Europe's first ETF to offer pure-play exposure to the rapidly growing global solar industry. (According to HANetf research using ETF Database)



Europe's lowest cost solar ETF

With a TER of 49 bps, TANN is Europe's lowest cost solar energy ETF. (According to HANetf research using ETF Database)



Rapidly growing megatrend

Solar is the fastest-growing source of new energy capacity with forecasts from Bloomberg NEF 2020 for \$4.2 trillion of new solar capacity investment through 2050. By 2040, solar is expected to be the largest source of global electrical capacity with over 35% more installed capacity than natural gas. Fossil fuels are expected to fall to just 24% of power generation by 2050 from the 62% level today. (International Energy Agency 2020)



ESG Credentials

TANN is scheduled under Article 8 under the Sustainable Finance Disclosure Regulation (SFDR). Companies will be ESG screened for compliance with UN Global Compact principles plus operational business involvement in the fields of oil sands, fossil fuel, or controversial weapons.

Key Risks

1. The value of underlying securities can be affected by daily financial market movements. Other influential factors include political, economic news, company earnings and significant corporate events.
2. The solar energy sector may be significantly affected by fluctuations in energy prices and supply and demand of alternative energy fuels, energy conservation, the success of exploration projects, tax incentives, subsidies and other government regulations and policies.
3. Please remember that the value of your investment may go down as well as up and your capital is at risk. Please see KIID for full details.

Trading Information

Exchange	Ticker	RIC	SEDOL	ISIN	CCY
LSE	TANN LN	TANN.L	BMTR168	IE00BMFNWC33	USD
BMV	TANNN MF		BMZQG3	IE00BMFNWC33	USD
LSE	TANP LN	TANP.L	BMTR1D5	IE00BMFNWC33	GBP
Borsa Italiana	TANN IM	TANN.MI	BL6KDR8	IE00BMFNWC33	EUR
Xetra	TANN GY	TANNG.DE	BL6KDT0	IE00BMFNWC33	EUR
SIX	TANN SW	TANN.S	BMX8D27	IE00BMFNWC33	CHF
Euronext Paris	TANN FP	TANP.PA	BPG9N40	IE00BMFNWC33	EUR

Key Facts

Inception Date	01/06/2021
Index	EQM Global Solar Energy Index NTR
Asset Class	Equities
Number of Holdings	38
Base Currency	USD
Index PE Ratio	0.17
Index Dividend Yield (Est)	0.02%
Income Treatment	Accumulating
TER	49 bps
Rebalance Frequency	Quarterly
Fund Domicile	Ireland
Replication Style	Physical
Registered for Sale	UK, IE, IT, DE, AT, DK, FI, LU, NL, NO, SE, FR, ES, CH
UK Fund Reporting Status	Yes
UCITS Eligible	Yes
ISA Eligible	Yes
SIPP Eligible	Yes
Custodian	J.P. Morgan SE - Dublin Branch
Portfolio Manager	Vident Advisory LLC
Net Assets of Fund	9,029,370.60 (USD)
Net Assets of Share Class	9,029,370.60 (USD)
Shares Outstanding	1,560,000
SFDR Classification	Article 8

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Performance vs Index

Fund	1M	3M	6M	YTD	12M
TANN	-13.83%	-10.96%	-16.07%	-13.72%	-28.24%
SOLARNTR	-13.81%	-10.85%	-15.87%	-13.39%	-27.72%

Source: Bloomberg, as of 31 Aug 2023. Performance for the fund and the index is shown in USD. Fund performance is shown net of fees with income reinvested where applicable. Please be aware that fees have a detrimental impact on the performance of an ETP. Past performance is not an indicator for future results.

Index Information

The EQM Global Solar Energy Index (SOLARNTR) which is focused on companies that derive significant revenue from solar energy-related business operations.

Performance and Volatility Indicators (USD)

Period	Return	Volatility
2023	-13.72%	23.27%
2022	-15.75%	38.26%
2021	-17.04%	0.00%
2020	251.65%	0.00%
2019	68.93%	0.00%

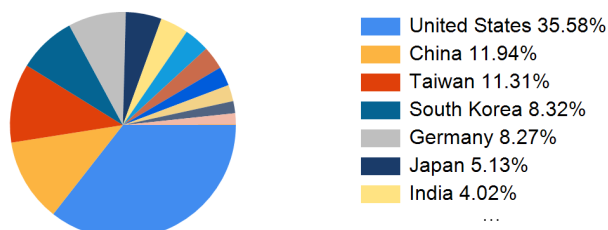
*Index data up to the 31/05/2021. Fund data from 01/06/2021

Performance before inception is based on back tested data. Back testing is the process of evaluating an investment strategy by applying it to historical data to simulate what the performance of that strategy would have been. Back tested data does not represent actual performance and should not be interpreted as an indication of actual or future performance. Past performance for the index is in USD and shown net of fees. Past performance and back tested index performance is not an indicator for future results and should not be the sole factor of consideration when selecting a product. It is provided for illustrative purposes only. Indices cannot be invested in directly. Investors should read the prospectus of the Issuer ("Prospectus") before investing and should refer to the section of the Prospectus entitled 'Risk Factors' for further details of risks associated with an investment in this product. Source HANetf / Bloomberg.

Top 10 Holdings

Company	(%)	Company	(%)
Array Technologies Inc	4.62%	West Holdings Corp	3.50%
Renew Energy Global Plc-A	4.02%	Encavis Ag	3.42%
Shinsung E&G Co Ltd	3.89%	First Solar Inc	3.40%
Altus Power Inc	3.69%	Tsec Corp	3.32%
Solaria Energia Y Medio Ambien	3.64%	Scatec Asa	3.32%

Regional Exposure



Partner

EQM Indexes LLC is a U.S.-based, woman-owned firm dedicated to creating and supporting innovative indexes that thematic growth opportunities and emerging investment themes. Co-founded by Jane Edmondson, a former Institutional Portfolio Manager with nearly 30 years in the investment industry, the firm's index design expertise spans a wide range of asset classes and financial instruments. EQM Indexes has developed and licensed innovative index product solutions in the following categories: Global and International Online Retail, Blockchain, Global Cannabis, Lithium & Battery Technology, Junior Gold Miners, Risk Parity, and Social Justice.

About HANetf

HANetf is an independent provider of UCITS ETFs, working with asset management companies to bring differentiated, modern and innovative exposures to European ETF investors. Via our white-label ETF platform, HANetf provides a complete operational, regulatory, distribution and marketing solution for asset managers to launch and manage UCITS ETFs.

IMPORTANT INFORMATION This factsheet is approved for professional use only.

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The Issuers

1.HANetf ICAV, an open-ended Irish collective asset management vehicle issuing under the terms in the Prospectus and relevant Supplement for the ETF approved by the Central Bank of Ireland ("CBI") ("ETF Prospectus") is the issuer of the ETFs. Investors should read the current version of the ETF Prospectus before investing and should refer to the section of the ETF Prospectus entitled 'Risk Factors' for further details of risks associated with an investment in the ETFs. Any decision to invest should be based on the information contained in the ETF Prospectus.

2.HANetf ETC Securities plc, a public limited company incorporated in Ireland, issuing: i.the precious metals ETCs under the terms in the base prospectus approved by both the Central Bank of Ireland ("CBI"), the UK Financial Conduct Authority ("FCA") and the final terms of the precious metals (together, "Metals ETC Prospectuses"); ii.the carbon securities ETCs under the terms in the base prospectus approved by the UK Financial Conduct Authority ("FCA") and the relevant final terms of the carbon securities (together, "FCA Carbon ETC Prospectus"); and iii.the carbon securities ETCs under the terms in the base prospectus approved by the Central Bank of Ireland ("CBI") and the final terms of the carbon securities (together, "CBI Carbon ETC Prospectus"). Investors should read the latest versions of the relevant ETC prospectus before investing and should refer to the section of the relevant ETC prospectus entitled 'Risk Factors' for further details of risks associated with an investment in the ETCs. Any decision to invest should be based on the information contained in the relevant ETC prospectus.

3.ETC Issuance GmbH, a limited liability company incorporated under the laws of the Federal Republic of Germany, issuing under the terms in the Prospectus approved by the Bundesanstalt für Finanzdienstleistungsaufsicht ("BaFin") and the final terms ("Cryptocurrency Prospectus") is the issuer of the ETCM ETCs. Investors should read the latest version of the Cryptocurrency Prospectus before investing and should refer to the section of the Cryptocurrency Prospectus entitled 'Risk Factors' for further details of risks associated with an investment in the ETCs contained in the Cryptocurrency Prospectus. Any decision to invest should be based on the information contained in the Cryptocurrency Prospectus.

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