

Return Insights

Single Stock MPWR vs. S&P 500 vs. MSCI World vs. RI Index

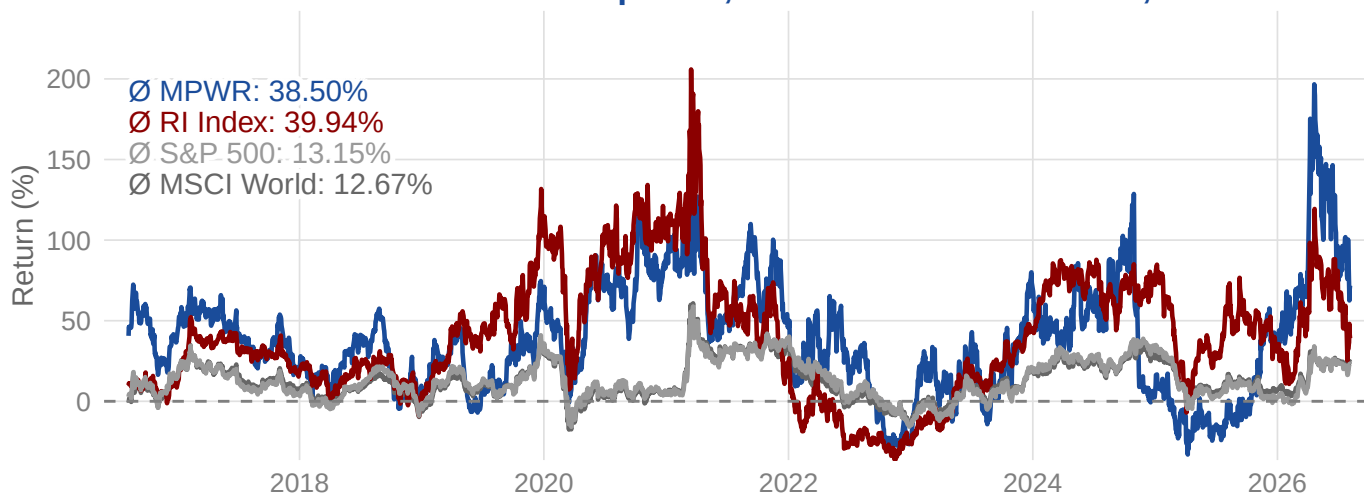
ISIN: US6098391054 | US78378X1072 | US4642863926

Analysis as of 08/07/2026

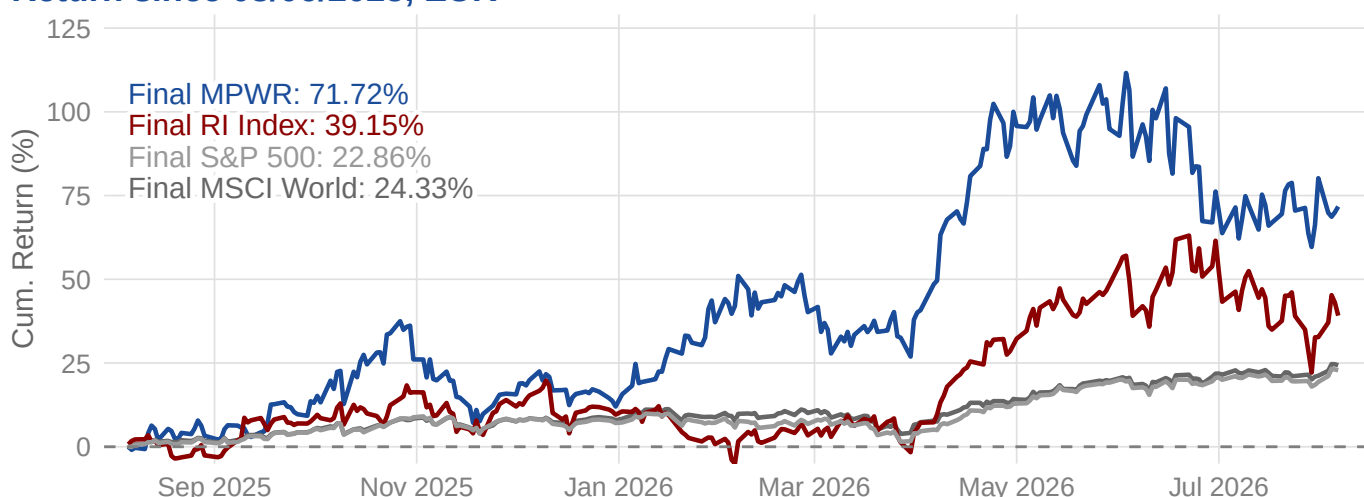


— MPWR — RI Index — S&P 500 — MSCI World

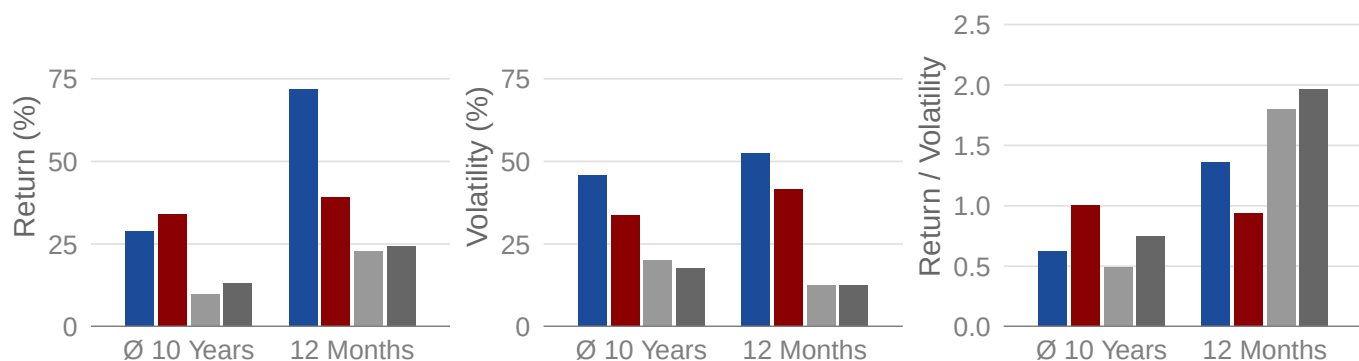
Return of the most recent 12-month period, 08/08/2016 to 08/06/2026, EUR



Return since 08/06/2025, EUR



Annualized Metrics: 12 Months vs. 10 Years (All Assets)



What Do These Metrics Mean?

Overview: Comparing Three Investment Instruments and the RI Index

This infographic compares three different investment instruments and the RI Index to give you a comprehensive picture:

- **Blue:** A single stock.
- **Dark red:** RI Index, a rules-based equity index developed by Return Insights and constructed using the RI Indicator.
- **Light grey:** S&P 500, a broad U.S. stock market index. This serves as a benchmark for the U.S. market.
- **Dark grey:** MSCI World, a global stock market index. This shows the performance of global equity markets in developed economies.

By comparing these three investment instruments and the RI Index, you can see:

- How a single stock has performed relative to broad market indices.
- The historical development of the rules-based RI Index in relation to individual stocks and broad market indices.
- Whether the stock has outperformed or underperformed the U.S. market (S&P 500).
- How the U.S. market compares in a global context (MSCI World).

RI Index

The RI Indicator is a quantitative model developed by Return Insights that classifies stocks based on clearly defined statistical criteria. Using this classification, the rules-based RI Index is constructed and its composition is updated monthly according to the model logic. Equities that no longer meet the selection criteria are removed. When an equity is sold, the proceeds, together with the monthly contribution, are reinvested according to the prevailing index weights. The historical development shown for the RI Index is based on an analysis of the rules-based index methodology. The analysis incorporates transaction costs and execution assumptions. The RI Indicator and the RI Index are proprietary developments of Return Insights.

Return (Profit or Loss)

Return indicates how many percent you gained or lost with an investment on an annual basis.

- **Positive:** You made money. Example: A 10% return means €1,000 became €1,100.
- **Negative:** You lost money. Example: A -5% return means €1,000 became €950.

This analysis considers two time periods:

- **12 months:** The return over the past 12 months.
- **10 years:** The average annual return and the compound annual growth rate (CAGR) over the past 10 years.

Volatility (Degree of Fluctuation)

Volatility shows how strongly the price of an investment fluctuates. High volatility means large upward and downward movements — this is riskier but can also bring higher returns.

- **Low volatility:** The price changes only slightly. This feels safer.
- **High volatility:** The price swings strongly up and down. This can be stressful but also offers opportunities.

Again, two time periods are compared:

- **12 months:** The fluctuation intensity over the past 12 months.
- **10 years:** The average annual (annualized) volatility over 10 years.

Return Insights

Explanation of the Metrics

Beginner's Guide to Stock Performance



Return Divided by Volatility (Efficiency Ratio)

This metric shows how much return you receive per unit of risk (fluctuation). A higher value means the investment is more efficient — more gain with less stress. The ratio is calculated for both time periods (12 months and 10 years) to enable comparison.

Practical Example

Imagine you compare two investments:

- **Investment A:** 8% return, 15% volatility, ratio = 0.53
- **Investment B:** 10% return, 25% volatility, ratio = 0.40

Although Investment B has a higher return, Investment A is more efficient because it achieves a similar return with lower fluctuations. For many investors, Investment A feels more comfortable because the price swings are smaller.

Time Period Comparison in This Analysis

For each of the three investment instruments and the RI Index, both time periods are shown side by side. This allows you to see how the past 12 months compare to the 10-year average.

Taxes

The returns shown in this infographic are presented before taxes. This means the actual return you receive after taxes may be lower, depending on your personal tax rate and the tax regulations in your country. It is important to keep this in mind when interpreting the figures, as the net return (after taxes) is often decisive for your actual gains or losses.

Summary

A good investment ideally has a high return, low volatility, and a high return-to-volatility ratio. In practice, you often have to balance return and risk. Comparing 12 months with 10 years helps you understand whether current performance is exceptional or part of the long-term trend. Comparing the individual stock with the benchmarks (S&P 500 and MSCI World) shows whether the stock is outperforming or underperforming the market. The RI Index illustrates the historical performance of a rules-based equity index, constructed using the RI Indicator, in comparison to individual stocks and broad market indices.

Disclaimer: This presentation was prepared by Return Insights for informational and analytical purposes only. It is intended solely to present statistical analyses based on historical market data. All metrics, charts, and calculations are based on past price developments and serve to describe observed market behavior. Future returns and risk profiles may differ from historical observations due to changing market conditions. Despite the utmost care in data collection and processing, no guarantee can be made regarding the accuracy, completeness, or timeliness of the information presented. All calculations have been performed to the best of RI's knowledge. Data sources are Yahoo Finance and FRED (Federal Reserve Economic Data). The information contained in this presentation does not constitute regulated financial analysis, investment advice, investment recommendations, or a solicitation to buy, sell or hold any financial instrument.

Additional information for U.S. residents: The information is general and impersonal in nature. This is not investment advice under the Investment Advisers Act of 1940. Return Insights does not provide personalized investment recommendations. This publication qualifies for the publisher's exclusion.

Additional information for UK residents: The content is provided solely for analytical and educational purposes. This content is not a financial promotion under UK law. It does not constitute investment advice or an inducement to engage in investment activity. Return Insights is not authorized or regulated by the FCA.

Additional information for Canadian residents: This content does not constitute investment advice or a recommendation under Canadian securities laws. Return Insights does not provide personalized investment advice and is not registered as an adviser in Canada. Return Insights does not consider the investment needs or objectives of any individual. The information is general in nature and provided for analytical and educational purposes only.

Additional information for Australian residents: This content does not constitute financial product advice as defined under Australian law. Return Insights is not licensed by ASIC to provide financial services in Australia and does not hold an Australian Financial Services License (AFSL). The information is general in nature, does not consider your personal circumstances, and is provided for analytical and educational purposes only.

Additional information for Singapore residents: This content does not constitute financial advice or a research report under Singapore law. Return Insights is not licensed by the Monetary Authority of Singapore (MAS) to provide financial advisory services. The information is general in nature, does not consider your personal circumstances, and is provided for analytical and educational purposes only. This information is not intended for distribution to persons in Singapore to whom such distribution is not permitted under Singapore law.