

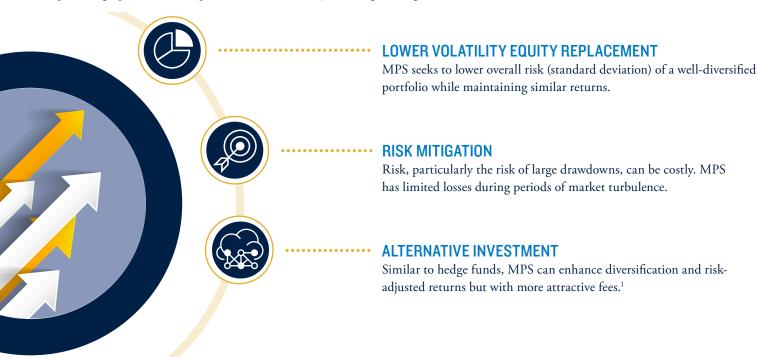
INTRODUCING MARKET PARTICIPATION STRATEGY



NARKET PARTICIPATION STRATEGY

DEFENSIVE, DIVERSIFYING, DURABLE

PGIM Quantitative Solutions' Market Participation Strategy (MPS) seeks to deliver risk mitigation with consistent returns by providing upside market capture while dramatically reducing the largest market drawdowns.



MPS is a strategy for all seasons, offering a solution that seeks to reduce risk, lower volatility, and provide diversification no matter the economic or market backdrop. MPS may help clients achieve their long-term return objectives by capturing 60% of the performance of the S&P 500 on average in appreciating equity markets and capturing 30% of the performance of the S&P 500 on average in declining equity markets over a market cycle, but with substantially lower volatility.²

THE NUMBERS SPEAK FOR THEMSELVES

It can take a long time to recover from big drawdowns like the Tech Bubble bust and Global Financial Crisis. It took 16 years for the returns of the S&P to catch up with MPS after the Tech Bubble.³



Source: PGIM Quant, S&P Dow Jones Indices LLC. Past performance is not a guarantee or a reliable indicator of future results. This chart demonstrates the growth of \$1000 and is shown for illustrative purposes only. Shown as a point in time demonstration. Actual results may vary. Performance results are stated gross and net of model fees. Gross performance has been calculated in US dollars and reflects the reinvestments of dividends and other earnings. Returns for each client will be reduced by such fees and expenses as described in their individual contract. Net returns are calculated by deducting the highest tier of the PGIM Quant fee schedule in effect for the respective time period from the monthly gross composite return. Please see 'Notes to Disclosure' page for Important Information including risk factors

Objectives are not guaranteed.
 Data from 8/31/2000 - 7/31/-2016

Diversification does not protect against a loss in a particular market; however, it allows you to spread that risk across various asset classes.

HOW HAS MPS PERFORMED?



ATTRACTIVE TRACK RECORD

With a track record of more than 30 years MPS has mitigated large losses through its bond-like defensive features in turbulent markets, while also providing growth through upside participation in rising equity markets.



DEFENSE DURING MARKET CRISES

MPS particularly shines during significant drawdowns such as the Tech Bubble bust, the Global Financial Crisis, and most recently, during the sharp COVID correction.



LONG TERM

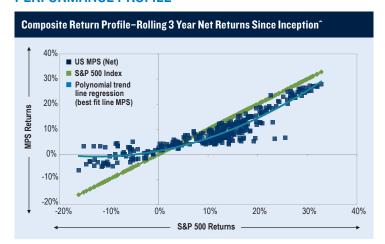
MPS' strength as a true downside protection strategy during times of significant crises is compelling, but longer-term performance shows that MPS provides upside participation during rising markets as well.



ASYMMETRIC PAYOFF

MPS' asymmetric returns since inception have captured approximately 60% of equity performance during significant market rallies while avoiding much of the market's downside during periods of negative returns.

PERFORMANCE PROFILE



Since Inception-9/30/2022^	MPS Composite		S&P 500 Index
	Net	Gross	
Return Statistics			
Annualized Return	7.73%	8.18%	9.40%
Risk Statistics			
Standard Deviation	8.98%		14.73%
Sharpe Ratio	0.65		0.48
Sortino Ratio	1.12		0.72
Maximum Drawdown	-19.03%		-50.95%

^Inception date for the US Market Participation Strategy Composite is 1/1/1992. Data shown as of 9/30/2022. Source: PGIM Quant, S&P Dow Jones Indices LLC, Bloomberg.

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HOW DOES MPS STACK UP?

EXPERIENCED TEAM

Managed by an experienced portfolio management team with a track record of more than 30 years.

ACTIVE MANAGEMENT

PGIM Quant's tactical views are incorporated into the portfolio as an overlay to our systematic parameters, implemented by modifying the timing and magnitude of our equity exposure and duration resets—two key levers driving portfolio performance.

LIQUIDITY WHEN YOU NEED IT MOST

MPS portfolio is normally comprised of approximately 80% in US Treasuries (and US Treasury Futures) that seek to provide liquidity, in particular during turbulent market conditions.⁴

LOW TURNOVER

Long-term call options eliminate the need for frequent trading. Low portfolio turnover can be especially beneficial during periods of equity market turbulence/drawdowns, when liquidity is often an issue.

✓ LOW CORRELATION AND DIVERSIFICATION

A strong diversifier to traditional asset classes within an overall portfolio with a low beta to stocks and virtually zero correlation to bonds.

✓ ATTRACTIVE RISK/RETURN RATIOS

MPS has met its objective of decreasing total portfolio standard deviation while increasing Sharpe and Sortino ratios and lowering maximum drawdowns.

RISK CONTAINMENT

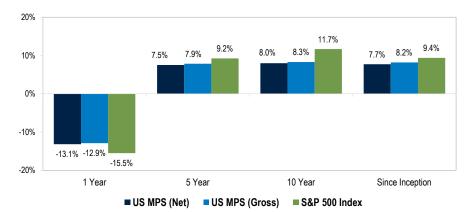
MPS incurs no counterparty risk. Call options are designed with brokers and then listed on the CBOE. MPS has positive exposure to volatility, a key component in reducing risk

✓ HIGHLY CUSTOMIZABLE

MPS typically targets 60% equity exposure but is completely customizable to various market exposures. MPS is available on both a US and Global Equity market basis. We are able to create versions using US Small Cap, Non-US and Global indices which capitalize on the same competitive advantages as the US MPS strategy.

The 30+ year track record of the MPS Composite has delivered 87% of the annualized return with only 61% of the volatility of the S&P 500. MPS has a beta to the S&P 500 of 0.47, and a correlation with U.S. Aggregate bonds of 0.24.

US MPS Annualized Net and Gross Returns (as of 9/30/2022)



Inception date for the US Market Participation Strategy Composite is 1/1/1992.

Source: PGIM Quant, S&P Dow Jones Indices LLC.

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⁴ Allocations subject to change.

PGIM QUANTITATIVE SOLUTIONS

ABOUT US

PGIM Quantitative Solutions, the quantitative and multi-asset specialist of PGIM, combines the agility of an independently run boutique with the stability and scale of one of the world's top-15 asset managers.* For over 45 years, PGIM Quant Solutions has designed proprietary methods to solve beyond alpha by combining the latest technology with scalable, rigorous risk controls to nimbly build and manage diversified and customized solutions that help solve clients' evolving challenges. PGIM Quant manages portfolios across equities, multi asset, liquid alts and retirement for a global client base with \$81 billion in assets under management as of 9/30/2022.*

MEET THE TEAM



DEVANG GAMBHIRWALA

Principal & Portfolio Manager Quantitative Equity 34 years of Industry Experience



MARCUS M. PERL

Manager Multi Asset 29 years of Industry Experience

Principal & Portfolio



EDWARD J. Tostanoski III, cfa

Principal & Portfolio Manager Multi Asset

15 years of Industry Experience



LORNE JOHNSON, PHD

Managing Director Head of Multi-Asset Portfolio Design

22 years of Industry Experience

\$81 Bn

AUM

17 Yrs

Average investment experience

\$1.3 Tn+

AUM of parent company

* Data as of 09/30/2022 unless otherwise noted. Assets under management (AUM) are based on company estimates and are subject to change.

PGIM is the investment management business of Prudential Financial, Inc. (PFI). PFI is the 11th largest investment manager (out of 431 firms surveyed) in terms of worldwide institutional assets under management based on Pensions & Investments' Top Money Managers list published June 2022. This ranking represents institutional client assets under management by PFI as of December 31, 2021. Participation in the P&I ranking is voluntary and open to managers that have any kind of U.S. institutional tax-exempt AUM. Managers self-report their data via a survey. P&I sends the survey to previously identified managers and to any new managers asking to participate in the survey/ranking. No compensation is required to participate in the ranking.

NOTES TO DISCLOSURE

Past performance is not a guarantee or a reliable indicator of future results.

Performance results are stated gross and net of model fees. PGIM Quant's highest advisory fee in effect for each period is the model fee used to calculate net of fee performance. Performance has been calculated in US dollars and reflects the reinvestments of dividends and other earnings. Returns for each client will be reduced by such fees and expenses as described in their individual contract.

The performance results herein represent the investment performance record for the US Market Participation Strategy Composite managed by PGIM Quantitative Solutions LLC. Characteristics are for the representative portfolio within the composite and are subject to change. Diversification does not protect against a loss in a particular market; however, it allows you to spread that risk across various asset classes. No investment strategy or risk management technique can guarantee returns or eliminate risk in any market environment.

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The benchmark for this composite is the S&P 500 Index. The S&P 500 Index is a product of S&P Dow Jones Indices LLC and/or its affiliates and has been licensed for use by PGIM Quantitative Solutions LLC. Copyright © 2022 S&P Dow Jones Indices LLC, a division of S&P Global, Inc., and/or its affiliates. All rights reserved. Redistribution or reproduction in whole or in part are prohibited without written permission of S&P Dow Jones Indices LLC. For more information on any of S&P Dow Jones Indices LLC's indices please visit www.spdji.com. S&P® is a registered trademark of S&P Global and Dow Jones® is a registered trademark of Dow Jones Indices LLC. US Market Participation Strategy is calculated by PGIM Quantitative Solutions with permission from S&P Dow Jones Indices LLC and/or its affiliates. Neither S&P Dow Jones Indices LLC, Dow Jones Trademark Holdings LLC, their affiliates nor their third party licensors make any representation or warranty, express or implied, as to the ability of any index to accurately represent the asset class or market sector that it purports to represent and neither S&P Dow Jones Indices LLC, Dow Jones Trademark Holdings LLC, their affiliates nor their third party licensors shall have any liability for any errors, omissions, or interruptions of any index or the data included therein. is strictly prohibited except with the prior written permission of S&P. S&P does not guarantee the accuracy, adequacy, completeness or availability of any information and is not responsible for any errors or omissions or for the results obtained from the use of such information. The manager's holdings and portfolio characteristics may differ from those of the benchmark(s) and factors impacting the performance displayed herein may include portfolio-rebalancing, the timing of cash flows, and differences in volatility. Financial indices assume reinvestment of dividends but do not reflect the impact of fees, applicable taxes or trading costs. You cannot invest directly in an index.

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