

Master List of Low Volatility ETFs (As of 5/21/19)

TICKER	NAME	SEGMENT	ISSUER	EXP RAT	AUM
USMV	iShares Edge MSCI Min Vol U.S.A. ETF	Equity: U.S. - Total Market	BlackRock	0.15%	\$25.45B
EFAV	iShares Edge MSCI Min Vol EAFE ETF	Equity: Developed Markets Ex-U.S. - Total Market	BlackRock	0.20%	\$11.20B
SPLV	Invesco S&P 500 Low Volatility ETF	Equity: U.S. - Large Cap	Invesco	0.25%	\$10.38B
EEMV	iShares Edge MSCI Min Vol Emerging Markets ETF	Equity: Emerging Markets - Total Market	BlackRock	0.25%	\$5.65B
ACWV	iShares Edge MSCI Min Vol Global ETF	Equity: Global - Total Market	BlackRock	0.20%	\$4.27B
XMLV	Invesco S&P MidCap Low Volatility ETF	Equity: U.S. - Mid Cap	Invesco	0.25%	\$2.76B
XSLV	Invesco S&P SmallCap Low Volatility ETF	Equity: U.S. - Small Cap	Invesco	0.25%	\$1.97B
USMC	Principal U.S. Mega-Cap Multi-Factor Index ETF	Equity: U.S. - Large Cap	The Principal Group	0.12%	\$1.64B
IDLV	Invesco S&P International Developed Low Volatility ETF	Equity: Developed Markets Ex-U.S. - Total Market	Invesco	0.25%	\$762.68M
LGLV	SPDR SSGA U.S. Large Cap Low Volatility Index ETF	Equity: U.S. - Large Cap	State Street Global	0.12%	\$362.42M
EELV	Invesco S&P Emerging Markets Low Volatility ETF	Equity: Emerging Markets - Total Market	Invesco	0.29%	\$338.16M
SMLV	SPDR SSGA U.S. Small Cap Low Volatility Index ETF	Equity: U.S. - Small Cap	State Street Global	0.12%	\$223.96M
FDLO	Fidelity Low Volatility Factor ETF	Equity: U.S. - Large Cap	Fidelity	0.29%	\$170.21M
SMMV	iShares Edge MSCI Min Vol U.S.A. Small-Cap ETF	Equity: U.S. - Small Cap	BlackRock	0.20%	\$128.05M
JMIN	JPMorgan U.S. Minimum Volatility ETF	Equity: U.S. - Large Cap	JPMorgan	0.12%	\$40.64M
JPMV	iShares Edge MSCI Min Vol Japan ETF	Equity: Japan - Total Market	BlackRock	0.30%	\$39.07M
EUMV	iShares Edge MSCI Min Vol Europe ETF	Equity: Developed Europe - Total Market	BlackRock	0.25%	\$23.78M
RNDM	First Trust Developed International Equity Select ETF	Equity: Developed Markets Ex-U.S. - Total Market	First Trust	0.65%	\$22.29M
RNEM	First Trust Emerging Markets Equity Select ETF	Equity: Emerging Markets - Total Market	First Trust	0.75%	\$12.65M
AXJV	iShares Edge MSCI Min Vol Asia ex Japan ETF	Equity: Asia-Pacific Ex-Japan - Total Market	BlackRock	0.35%	\$9.01M
OVOL	Oppenheimer Russell 1000 Low Volatility Factor ETF	Equity: U.S. - Large Cap	OppenheimerFunds	0.19%	\$5.61M
ISZE	iShares Edge MSCI Intl Size Factor ETF	Equity: Developed Markets Ex-U.S. - Total Market	BlackRock	0.30%	\$5.28M
LSLT	Salt Low truBeta US Market ETF	Equity: U.S. - Large Cap	Salt Financial	0.29%	\$3.87M