



MIAX Emerald[®] Options Exchange

The option classes listed below will begin trading on the MIAX Emerald Options Exchange at the start of trading on **Wednesday, November 20, 2024**. All option classes on MIAX Emerald have an allocation style of Pro-Rata and billing style of Maker-Taker.

Security Symbol	Security Name	Option Class	Penny Pilot	Exchange for Opening	Closing Time	PLMM	Cloud
AMTM	Amentum Holdings, Inc.	AMTM	NO	NYSE	4:00	Morgan Stanley	1
ASPI	ASP Isotopes Inc.	ASPI	NO	NASDAQ	4:00	Wolverine Trading, LLC	1
GGLL	Direxion Daily GOOGL Bull 2X Shares	GGLL	NO	NASDAQ	4:00	Citadel Securities, LLC	4
MSFU	Direxion Daily MSFT Bull 2X Shares	MSFU	NO	NASDAQ	4:00	Citadel Securities, LLC	6
MSTZ	T-Rex 2X Inverse MSTR Daily Target ETF	MSTZ	NO	CBOE BZX	4:00	IMC Financial Markets	6
NBIS	Nebius Group N.V.	NBIS	NO	NASDAQ	4:00	IMC Financial Markets	6
NGNE	Neurogene Inc.	NGNE	NO	NASDAQ	4:00	Citadel Securities, LLC	6
NNE	NANO Nuclear Energy Inc.	NNE	NO	NASDAQ	4:00	Susquehanna Securities	6
NPWR	NET Power Inc.	NPWR	NO	NYSE	4:00	Susquehanna Securities	6
PHUN	Phunware, Inc.	PHUN	NO	NASDAQ	4:00	Wolverine Trading, LLC	7
PTIR	GraniteShares 2x Long PLTR Daily ETF	PTIR	NO	NASDAQ	4:00	IMC Financial Markets	7
ROIC	Retail Opportunity Investments Corp.	ROIC	NO	NASDAQ	4:00	Susquehanna Securities	7
SOBO	South Bow Corporation	SOBO	NO	NYSE	4:00	IMC Financial Markets	8
SSL	Sasol Limited	SSL	NO	NYSE	4:00	IMC Financial Markets	8
SW	Smurfit Westrock Plc	SW	NO	NYSE	4:00	Wolverine trading, LLC	8
VTEB	Vanguard Tax-Exempt Bond Index Fund ETF Shares	VTEB	NO	NYSE Arca	4:00	Citadel Securities, LLC	9
YMAX	YieldMax Universe Fund of Option Income ETFs	YMAX	NO	NYSE Arca	4:00	Wolverine Trading, LLC	10



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Please contact MIAX Emerald Options Listings with any questions at Listings@miaxglobal.com or (609) 897-7308.