

Morningstar® Exponential Technologies IndexSM

19-Dec-25

The Morningstar® Exponential Technologies IndexSM is designed to provide exposure to equities identified by Morningstar's Equity Research team as positioned to experience meaningful economic benefits as a user or producer of promising technologies. The index consists of 200 stocks that are equally weighted.

For More Information:
<http://indexes.morningstar.com>
 US: +1 312 384-3735
 Europe: +44 20 3194 1082

Reconstituted Holdings

SecurityName	Ticker	Theme Exposure:						
		Artificial Intelligence	Cybersecurity And Defense Tech	Energy Innovation	Fintech Innovation	Healthcare Innovation	Next Gen Transportation	Robotics
AbbVie Inc	ABBV							
Accenture PLC	ACN							
Advanced Micro Devices Inc	AMD							
Advantest Corporation	6857							
Adyen NV Ordinary Shares	ADYEN							
Agilent Technologies Inc	A							
Air Products and Chemicals Inc	APD							
Akamai Technologies Inc	AKAM							
Albemarle Corp	ALB							
Alibaba Group Holding Ltd Ordinary Shares	9988							
Alnylam Pharmaceuticals Inc	ALNY							
Alphabet Inc	GOOGL							
Amazon.com Inc	AMZN							
Amgen Inc	AMGN							
Amphenol Corp	APH							
Analog Devices Inc	ADI							
AppLovin Corp	APP							
Arista Networks Inc	ANET							
AstraZeneca PLC Common Stock	AZN							
BAE Systems	BA/							
BYD Company Ltd Shs A	2594							
Baidu Inc	9888							
BeOne Medicines Ltd	6160							
Bio-Rad Laboratories Inc	BIO							
BioNTech SE Ordinary Shares	BNTX							
Biogen Inc	BIIB							
Block Inc	XYZ							
Bloom Energy Corp	BE							
Boralex Inc. A	BLX							
BridgeBio Pharma Inc	BBIO							
Bristol-Myers Squibb Co	BMJ							
Broadcom Inc	AVGO							
Broadridge Financial Solutions Inc	BR							
Brookfield Renewable Corp Ordinary Shs - Class A (Exchangeable Sub Voting)	BEPC							
CALB Group Co Ltd Ordinary Shares- Class H	3931							
CGI Inc Shs A	GIB/A							
CRISPR Therapeutics AG	CRSP							
CSI Solar Co Ltd Ordinary Shares - Class A	688472							
Cadence Design Systems Inc	CDNS							
China Longyuan Power Group Corp Ltd Common Stock H	916							
China Resources Power Hldgs	836							
China Suntien Green Energy Corp Ltd Shs	956							
China Three Gorges Renewables (Group) Co Ltd Class A	600905							
Chugai Pharmaceutical	4519							
Cisco Systems Inc	CSCO							

Morningstar® Exponential Technologies IndexSM

Reconstituted Holdings

SecurityName	Ticker	Theme Exposure:					None		
		Artificial Intelligence	Cybersecurity And Defense Tech	Energy Innovation	Fintech Innovation	Healthcare Innovation	Next Gen Transportation	Robotics	
Clearwater Analytics Holdings Inc	CWAN								
Cloudflare Inc	NET								
CoStar Group Inc	CSGP								
Codan Limited Ordinary Share	CDA								
Coinbase Global Inc	COIN								
Contemporary Amperex Technology Co Ltd Ordinary Shares - Class H	3750								
CrowdStrike Holdings Inc	CRWD								
Daifuku Co Ltd	6383								
Daiichi Sankyo Co Ltd Common Stock	4568								
Danaher Corp	DHR								
Delta Electronics Inc. Common Stock	2308								
DigiCo Infrastructure REIT Stapled (1 Ord & 1 Unt)	DGT								
EDP Renovaveis	EDPR								
EDP-Energias De Portugal SA	EDP								
EPAM Systems Inc	EPAM								
Eaton Corp PLC	ETN								
Elastic NV	ESTC								
Eli Lilly and Co	LLY								
Emerson Electric Co	EMR								
Enel SpA Shares	ENEL								
Engie SA Shs	ENGI								
Enphase Energy Inc	ENPH								
Entegris Inc	ENTG								
Exact Sciences Corp	EXAS								
FactSet Research Systems Inc	FDS								
Fair Isaac Corp	FICO								
Fanuc Corp Common Stock	6954								
First Solar Inc	FSLR								
Fortinet Inc	FTNT								
GE Vernova Inc	GEV								
GSK PLC Common Stock	GSK								
Ganfeng Lithium Group Co Ltd common stock Class A	2460								
Gen Digital Inc	GEN								
Gilead Sciences Inc	GILD								
Gotion High-tech Co Ltd Shs A	2074								
Guardant Health Inc	GH								
Harmonic Drive Systems	6324								
Hensoldt AG Ordinary Shares	HAG								
Hubbell Inc	HUBB								
IGO Ltd Ordinary Share	IGO								
Iberdrola SA Common Stock	IBE								
Illumina Inc	ILMN								
Infineon Technologies	IFX								
Innovent Biologics Inc	1801								
International Business Machines Corp	IBM								
Intuitive Surgical Inc	ISRG								
JA Solar Technology Co Ltd Shs A	2459								
Jazz Pharmaceuticals PLC	JAZZ								
Jinko Solar Co Ltd Class A	688223								
Johnson & Johnson	JNJ								

Morningstar® Exponential Technologies IndexSM

Reconstituted Holdings

SecurityName	Ticker	Theme Exposure:					None	
		Artificial Intelligence	Cybersecurity And Defense Tech	Energy Innovation	Fintech Innovation	Healthcare Innovation	Next Gen Transportation	Robotics
Kongsberg Gruppen	KOG							
LEGRAND SA	LR							
LG Energy Solution Ltd	A373220							
LONGi Green Energy Technology Co Ltd Shs A	601012							
Leonardo SpA Shs	LDO							
Li Auto Inc Ordinary Shares - Class A	2015							
Lincoln Electric Holdings Inc	LECO							
Lithium Americas Corp	LAC							
London Stock Exchange	LSEG							
Macquarie Technology Group Ltd	MAQ							
MarketAxess Holdings Inc	MKTX							
Marvell Technology Inc	MRVL							
Megaport Ltd Shs	MP1							
Melexis	MELE							
Merck & Co Inc	MRK							
Meta Platforms Inc	META							
Micron Technology Inc	MU							
Microsoft Corp	MSFT							
Mineral Resources Limited Ordinary Share	MIN							
Moderna Inc	MRNA							
MongoDB Inc	MDB							
Monolithic Power Systems Inc	MPWR							
Murata Mfg Co. Ltd 100	6981							
NAVER Corp Shs	A035420							
NIO Inc Class A	9866							
NVIDIA Corp	NVDA							
NXP Semiconductors NV	NXPI							
Nabtesco	6268							
Nasdaq Inc	NDAQ							
Nexi SpA Ordinary Shares	NEXI							
Nextpower Inc	NXT							
Northland Power Inc Common Share	NPI							
Northrop Grumman Corp	NOC							
Novartis Inc Namen-Akt Registered Shares	NOVN							
Novo Nordisk AS Common Stock B	NOVO/B							
ON Semiconductor Corp	ON							
Okta Inc	OKTA							
Oracle Corp	ORCL							
Orsted AS Shs	ORSTED							
PT Goto Gojek Tokopedia Tbk	GOTO							
Palantir Technologies Inc	PLTR							
Palo Alto Networks Inc	PANW							
Penumbra Inc	PEN							
Pfizer Inc	PFE							
Pilbara Minerals Ltd Shares	PLS							
Qualys Inc	QLYS							
RWE AG Class A shs	RWE							
Rakuten Group Inc	4755							
Regeneron Pharmaceuticals Inc	REGN							
Renesas Electronics Corp Common Stock	6723							

Morningstar® Exponential Technologies IndexSM

Reconstituted Holdings

SecurityName	Ticker	Theme Exposure:					None	
		Artificial Intelligence	Cybersecurity And Defense Tech	Energy Innovation	Fintech Innovation	Healthcare Innovation	Next Gen Transportation	Robotics
Repligen Corp	RGEN							
Revvity Inc	RVTY							
Rheinmetall	RHM							
Roche Holding AG	ROG							
Rocket Companies Inc	RKT							
Rockwell Automation Inc	ROK							
S&P; Global Inc	SPGI							
SAAB AB Ordinary Shares - Class B	SAAB/B							
SARTORIUS VZ	SRT3							
SEI Investments Co	SEIC							
SK Hynix Inc	A000660							
SSE Plc.	SSE							
STMicroelectronics NV.	STMPA							
Samsung SDI	A006400							
Sanofi	SAN							
Schneider Electric SE Common Stock	SU							
Seagate Technology Holdings PLC	STX							
Sensata Technologies Holding PLC	ST							
SentinelOne Inc	S							
Siemens Energy AG Ordinary Shares	ENR							
Singapore Technologies Engineering Ltd	S63							
Snowflake Inc	SNOW							
SoFi Technologies Inc	SOFI							
Sociedad Quimica y Minera Pfd B	SQM-B							
Sunny Optical Technology (Grp)	2382							
Sunrun Inc	RUN							
Synopsys Inc	SNPS							
TAL Education Group Unspons ADR Repr 1/3 Shs A	TAL							
TCL Zhonghuan Renewable Energy Technology Co Ltd	2129							
TE Connectivity PLC	TEL							
THALES.	HO							
Taiwan Semiconductor Manufacturing Common Stock	2330							
Taiyo Yuden Co Ltd Shs	6976							
Takeda Pharmaceutical Co. Ltd.	4502							
Tenable Holdings Inc	TENB							
Tencent Holdings Ltd Common Stock	700							
Tesla Inc	TSLA							
Texas Instruments Inc	TXN							
Tianqi Lithium Corp	2466							
Tongwei Co.Ltd. A	600438							
Tradeweb Markets Inc	TW							
Trina Solar Ltd Class A	688599							
Varonis Systems Inc	VRNS							
Vertex Pharmaceuticals Inc	VRTX							
Vestas Wind Systems AS	VWS							
Waters Corp	WAT							
Western Digital Corp	WDC							
Wise PLC Class A	WISE							
Workday Inc	WDAY							
XPeng Inc Class A	9868							

Morningstar® Exponential Technologies IndexSM

Reconstituted Holdings

SecurityName	Ticker	Theme Exposure:					None	
		Artificial Intelligence	Cybersecurity And Defense Tech	Energy Innovation	Fintech Innovation	Healthcare Innovation	Next Gen Transportation	Robotics
Xiaomi Corp Ordinary Shares - Class B	1810							
Xinjiang Daqo New Energy Co Ltd Class A	688303							
Xinyi Energy Holdings Ltd Ordinary Shares	3868							
Yaskawa Electric	6506							
Zscaler Inc	ZS							

Added Holdings

Name	Ticker	Previous Reason for Removal	Theme Exposure:					None	
			Artificial Intelligence	Cybersecurity And Defense Tech	Energy Innovation	Fintech Innovation	Healthcare Innovation	Next Gen Transportation	Robotics
Contemporary Amperex Technology Co Ltd Ordinary Shares - Class H	3750	Not Eligible for Smart Beta Indexes							
Delta Electronics Inc. Common Stock	2308	High Rank Security							
Lithium Americas Corp	LAC	Addition to Universe							
DigiCo Infrastructure REIT Stapled (1 Ord & 1 Unt)	DGT	Addition to Universe							
Sunrun Inc	RUN	Addition to Universe							
Xinjiang Daqo New Energy Co Ltd Class A	688303	Missing Theme Score							
CSI Solar Co Ltd Ordinary Shares - Class A	688472	Addition to Universe							
Codan Limited Ordinary Share	CDA	Missing Theme Score							
Mineral Resources Limited Ordinary Share	MIN	Missing Theme Score							
Hensoldt AG Ordinary Shares	HAG	Missing Theme Score							
Penumbra Inc	PEN	No Analyst Coverage							
Rocket Companies Inc	RKT	Addition to Universe							
Bloom Energy Corp	BE	Addition to Universe							
Advantest Corporation	6857	No Analyst Coverage							
Macquarie Technology Group Ltd									

Morningstar® Exponential Technologies IndexSM

Removed Holdings

Name	Ticker	Reason for Removal	Theme Exposure:					None	
			Artificial Intelligence	Cybersecurity And Defense Tech	Energy Innovation	Fintech Innovation	Healthcare Innovation	Next Gen Transportation	Robotics
BE Semiconductor Industries	BESI	High Rank Security							
Dynatrace Inc	DT	High Rank Security							
F5 Inc	FFIV	High Rank Security							
DuPont de Nemours Inc	DD	High Rank Security							
HubSpot Inc	HUBS	High Rank Security							
Sartorius Stedim Biotech	DIM	High Rank Security							
ASM International NV Common Stock	ASM	High Rank Security							
Teradyne Inc	TER	High Rank Security							
TDK Corporation	6762	High Rank Security							
Cognizant Technology Solutions Corp	CTSH	High Rank Security							
Datadog Inc	DDOG	High Rank Security							
Mediatek Inc. Common Stock	2454	High Rank Security							
Corning Inc	GLW	High Rank Security							
Infosys Ltd Common Stock	500209	High Rank Security							
Tata Consultancy Services	532540	High Rank Security							
KLA Corp	KLAC	High Rank Security							
ServiceNow Inc	NOW	High Rank Security							
Qualcomm Inc	QCOM	High Rank Security							
Lam Research Corp	LRCX	High Rank Security							
Applied Materials Inc	AMAT	High Rank Security							
Salesforce Inc	CRM	High Rank Security							
ASML Holding NV Common Stock Bearer Form	ASML	High Rank Security							
Wipro Ltd.	507685	AMDTV is less than 1500000							
American Tower Corporation A	AMT	Missing Theme Score							
Autodesk Inc.	ADSK	Missing Theme Score							
Belden Inc.	BDC	Missing Theme Score							
Blackbaud Inc.	BLKB	Dropped from the Parent Index							
Crown Castle Inc	CCI	Missing Theme Score							
Garmin Ltd Namen-Akt	GRMN	Missing Theme Score							
Intel Corporation Common Stock	INTC	Missing Theme Score							
Ionis Pharmaceuticals Inc shs	IONS	Missing Theme Score							
Manhattan Associates Inc.	MANH	Missing Theme Score							
Mettler-Toledo International Inc.	MTD	Missing Theme Score							
Microchip Technology Inc Common Stock	MCHP	Missing Theme Score							
Motorola Solutions Inc Common Stock	MSI	Missing Theme Score							
PTC Inc Common Stock	PTC	Missing Theme Score							
Roper Technologies Inc Common Stock	ROP	Missing Theme Score							
SBA Communications Corporation Class A Shs	SBAC	Missing Theme Score							
Skyworks Solutions Inc.	SWKS	Missing Theme Score							
Tyler Technologies Inc.	TYL	Missing Theme Score							
BlackBerry Ltd	BB	Missing Theme Score							
Constellation Software Inc.	CSU	Missing Theme Score							
Technology One Limited Ordinary Share	TNE	Missing Theme Score							
Sage Group PLC	SGE	Missing Theme Score							
SAP SE Common Stock	SAP	Missing Theme Score							
Qiagen NV	QIA	Missing Theme Score							
Dassault Systemes SE Shs	DSY	Missing Theme Score							
EchoStar Corporation Class A	SATS	Missing Theme Score							
Telefonaktiebolaget L M Ericsson Shs B	ERIC/B	Missing Theme Score							
Swedish Orphan Biovitrum AB Common Stock	SOBI	Missing Theme Score							

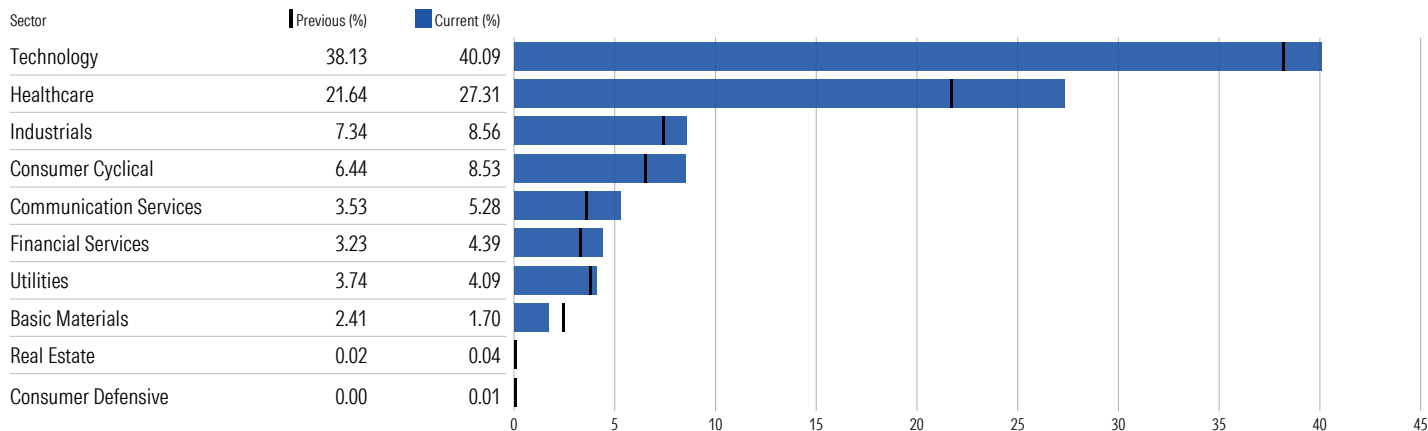
Morningstar® Exponential Technologies IndexSM

Removed Holdings

			Theme Exposure:				None		
			Artificial Intelligence	Cybersecurity And Defense Tech	Energy Innovation	Fintech Innovation	Healthcare Innovation	Next Gen Transportation	Robotics
Name	Ticker	Reason for Removal							
Sumco Corp	3436	Missing Theme Score							
NICE	NICE	Missing Theme Score							
Sino-American Silicon Products	5483	Missing Theme Score							
Samsung Electro-Mechanics	A009150	Missing Theme Score							
Advantech Co. Ltd. Common Stock	2395	Missing Theme Score							
Nordic Semiconductor	NOD	Missing Theme Score							
United Microelectronics Corp. Common Stock	2303	Missing Theme Score							
Yageo Corp Common Stock	2327	Missing Theme Score							
Verbund AG Class A	VER	Missing Theme Score							
Amadeus IT Group SA Shs	AMS	Missing Theme Score							
Ocado Group PLC Common Stock	OCDO	Missing Theme Score							
Win Semiconductors Corp. Ordinary Shares	3105	Missing Theme Score							
Guidewire Software Inc Common Stock	GWRE	Missing Theme Score							
Veeva Systems Inc Shs -A-	VEEV	Missing Theme Score							
Worldline SA	WLN	Dropped from the Parent Index							
argenx SE Shs	ARGX	Missing Theme Score							
GlobalWafers Co Ltd Shs	6488	Missing Theme Score							
Qorvo Inc Shs	QRVO	Missing Theme Score							
Box Inc Shs -A-	BOX	Missing Theme Score							
Cellnex Telecom S.A. Shs	CLNX	Missing Theme Score							
Infrastrutture Wireless Italiane S.p.A.	INW	Missing Theme Score							
Atlassian Corp	TEAM	Missing Theme Score							
WiseTech Global Ltd Shs	WTC	Missing Theme Score							
The Trade Desk Inc Shs -A-	TTD	Missing Theme Score							
Dropbox Inc Shs A	DBX	Missing Theme Score							
Docusign Inc Ordinary Shares	DOCU	Missing Theme Score							
National Silicon Industry Group Co Ltd Class A	688126	Missing Theme Score							
Bentley Systems Inc Ordinary Shares - Class B	BSY	Missing Theme Score							
Allfunds Group PLC	ALLFG	Missing Theme Score							
Corporacion Acciona Energias Renovables SA	ANE	Missing Theme Score							
SiteMinder Ltd									

Morningstar® Exponential Technologies IndexSM

Sector Exposure



Country Exposure

