

Communication made reliable.

The Marathon L/XL and M-FT provide high performance and a very long design life.



Creating the future - the Exide Technologies way:



Innovation



Reliability



Sustainability



High Performance

GNB Industrial Power becomes
E / a division of Exide Technologies
www.exidegroup.com

MARATHON®

E / **ENERGIZING
A NEW
WORLD**

The world is changing. That's why we are energizing a new world.

For Exide Technologies, now is the time to release new energies to move even further into the future. Our new claim “**Energizing a new world**” is designed to convey this aspiration. We want to bring change to life, face challenges together with our partners, and develop solutions for today and tomorrow. **Let's create the future – the Exide Technologies way:**



Innovation is the engine of technology leadership. That's why we are constantly evolving, remain self-critical, and continue to inspire our customers. We believe that great questions deserve great answers, which is what our innovative R&D is responsible for.



Reliability defines our business. This applies to our products as well as our innovative development work, services, and partnerships. We have a responsibility that doesn't stop with our products, but rather starts there.



Sustainability is an important part of our responsibility. That's why we rely on renewable energy and intelligent recycling concepts.



High performance is the standard we set for our products and services. We want all our solutions to be best in class. This gives our customers the certainty of being optimally equipped for any task.

Being a generalist is good. If you are ahead in all disciplines.

Performance in form and function. **That's Marathon.** Our well-known AGM battery series has always impressed with its reliability and robustness. The long-distance runners who run straight ahead into the future where communication is getting more and more essential. But new ways need new technology that paves the way. That's what we're in business for. We connect people by developing solutions that give state-of-the-art communication every opportunity to grow. Marathon batteries are designed for durability in telecommunications, electric utility, and many other applications. The Marathon L/XL and M-FT range provide high performance and reliability in medium- and long-duration discharge applications. With a track record of more than 25 years of proven experience in the market, our Marathon batteries indeed set the standards.



Marathon L/XL



Marathon M-FT

Some invent batteries. We deliver solutions.



Proven reliability and performance for telecom applications in good grid conditions.



- Designed for durability in telecommunications, electric utility applications, and in a variety of medium- and long-duration discharge applications



- Reliable



- Over 25 years on the market backing up our telecom and electric utility applications



- Very long life



- Improved TCO due to very long design life of up to 15 years



- Marathon AGM batteries are completely recyclable, low CO₂ footprint



- Robust design – for maximum service float life



- Short recharging time – high availability



- Optimal energy density – saves floor space

Real power to keep the world connected.

Exide Technologies knows how important it is to stay connected. That's why our Marathon L/XL and M-FT batteries are the right partner when one thing is especially important: reliability. Our AGM batteries are ideal for the following applications:



Telecom



UPS



Electric utility



Data center



Railway signaling & infrastructure

GNB becomes **E /**

In a world that is constantly evolving, we are entering into a new era: “**E**” will replace “GNB Industrial Power”. From now on, our customers can find all our industrial products, systems, and solutions under “**E**/ a division of Exide Technologies”. Or briefly: **E** for the industry.

It's about the big picture. And about every detail.



Additional benefits Marathon L/XL



Scalable and high availability

Wide range of capacities and voltages with short recharging time. Incl. selection of 2V batteries for particularly high capacities.

Additional application served

Thanks to the wide selection of battery types available (including smaller models), the Marathon L/XL series is also a recommended fit for a number of additional applications:



Emergency
lighting



Alarm systems
& CCTV



Railway
rolling stock

Additional benefits Marathon M-FT



Best performance and very long life

Long service life and high cycling capability.



Simple installation and maintenance

Front terminal design facilitates placement in a control cabinet or standard relay rack.



High purity lead

Offering very long design life.

Up to
15
years of
design life.

Technical features:

- Design life: Marathon L/XL: >12 years at 20 °C (until 80% nominal C_{10})/
Marathon M-FT: 15 years at 20 °C (until 80% nominal C_{10})
- Nominal capacity: Marathon L/XL: 23.5-600 Ah/
Marathon M-FT: 35.0-200 Ah
- Maintenance-free (no topping up) during the whole service life
- High-compression Absorbent Glass Mat (AGM) technology
- Available as standard or flame-retardant version (UL 94 V-0)
- Grid plates with high-purity lead, low-calcium, high-tin alloy for excellent corrosion resistance
- Very low gassing due to internal gas recombination (99% efficiency)
- Low self discharge rate, enabling extended storage capability
- Durable container material – maintaining structural integrity in higher operating temperatures
- Marathon M-FT: Central degassing



Marathon L/XL



Marathon M-FT

For further information please scan the QR code and check the data sheets!

Standards & certifications:

- EUROBAT 2015 classification: >12 years – Very long life
- Designed in accordance with IEC 60896-21/22
- Approval: UL (Underwriters Laboratories)
- Trouble-free transportation of operational blocks and cells. No restriction for most rail, road, sea, and air transportation (IATA, DGR clause A67)
- Manufactured in Europe in our ISO 9001 and 14001 certified production plants



**Technology
moves us all
forward.**

**It also brings
us closer
together.**



We don't plan the future. We just build it.

Great success is often the result of effective cooperation. Our Marathon battery range convinces users in relevant application areas such as the telecommunications industry, electric utility, or UPS. Trust in us: With our wide product portfolio, we have the perfect battery solution for every project. We provide you with competent advice, project support, and installation service. Our application expertise with best-in-class online tools ensures that every customer can find the perfect battery technology for their requirements. Please get in touch with a sales representative near you!

Battery ranges & application coverage

Application		Sonnenschein							Marathon			Sprinter		Absolyte	Powerfit	Classic						
		A400	A400 FT	A500	A600	Solar	Rail	Power Cycle	M-FT	Power Cycle	L/XL	P/XP	XP-FT	GP/GX	S100/S100L/S300	OCSM	OPzS	Energy Bloc/OGi	OPzS Solar	EnerSol	Rail	
UPS	Data center	■	■					■	■	■	■	■	■		■							
	Commercial & industrial	■	■		■			■	■	■	■	■	■	■	■	■	■	■				
Telecom	Stable grid	■	■		■			■	■	■	■	■	■	■	■		■					
	Poor/off-grid					■		■	■	■	■	■	■	■	■				■	■		
Electric utility	Power generation	■	■		■			■	■	■	■	■	■	■	■	■	■	■				
	TSO/DSO	■	■		■			■	■	■	■	■	■	■	■	■	■	■				
	Stable-grid BESS				■			■	■	■	■	■	■	■	■	■	■	■		■	■	
	Poor/off-grid BESS					■		■	■	■	■	■	■	■	■	■	■	■		■	■	
Solar-powered equipment	■				■		■	■	■	■	■	■	■	■	■	■	■					
Emergency & security	Alarm systems, CCTV	■		■				■	■	■	■	■	■	■	■	■	■	■				
	Emergency lighting	■		■				■	■	■	■	■	■	■	■	■	■	■				
Railway	Signaling & infrastructure	■			■			■	■	■	■	■	■	■	■	■	■	■				
	Rolling stock						■															■

■ best fit/highly recommended ■ good fit/recommended ■ possible/recommended ■ not recommended/still possible



Good to know!

Our VRLA batteries are fully recyclable and have a longer lifespan than conventional lead batteries. Exide Technologies recovers 99% of all lead received at our recycling centers. Every year we recycle millions of kilograms of lead and neutralize millions of liters of sulfuric acid. Our robust, highly controlled recycling process is a critical part of our global commitment to the environment. For any business seeking to minimize its environmental impact, there is no better choice than **Exide**.

Energy that goes beyond.

- Transportation plant
- Industrial plant
- R&D facility
- Recycling
- Global HQ
- Principle sales offices
+ sales offices and distribution centers across the world



<p>All manufacturing plants ISO 9001 certified</p>	<p>All automotive plants IATF 16949 certified</p>	<p>All manufacturing plants ISO 14001 certified</p>	<p>All manufacturing plants ISO 50001 certified</p>	<p>Most manufacturing plants ISO 45001 certified</p>
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**ENERGIZING
A NEW
WORLD**

EXIDE[®]
TECHNOLOGIES