MARATHON™

Industrial Batteries – Network Power
Marathon L
Reliable and safe energy in long-term storage.

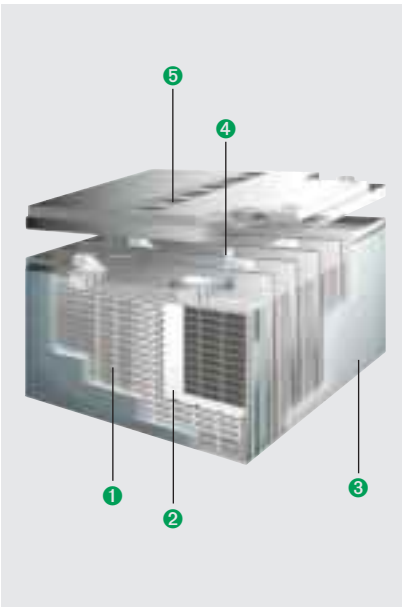
EXIDE TECHNOLOGIES
INDUSTRIAL ENERGY

This well-proven battery system guarantees safety at all times.

Marathon L provides a solid safety package for storing electricity within the AGM range. Designed especially for telecommunications systems, these powerful and compact batteries provide the ideal energy supply due to its technical construction. They perfectly combine remarkable high current performance with long service life. Marathon L batteries are also well-proven energy storage systems in all security applications in which longer back up times (> 1 h) have to be ensured.

The Marathon L batteries are sealed, rechargeable VRLA-batteries (Valve Regulated Lead Acid) with a lead calcium alloy. In contrast to conventional systems, the electrolyte is fixed in a glass mat with a very fine glass-fibre structure (Absorbed Glass Mat). This is why costly service intervals are eliminated along with separate battery rooms and their associated equipment.

These VRLA-batteries offer not only cost efficiencies but high performance and easy handling combined with a long service life as well as a long shelf life. Furthermore Exide Technologies accepts the old batteries back for recycling.



❶ *Plates: Lead calcium alloy, optimized for high corrosion resistance*

❷ *Separator: Highly porous glass micro-fibre separator, optimized for low internal resistance, for maximum absorption of the electrolyte and for electrical separation of the positive and negative plates*

❸ *Housing: Optional*
– Polypropylene (PP) standard
– PP flame retardant according to UL 94-V0

❹ *Terminals: Threaded male insert for easy and safe assembly and maintenance free connection with excellent conductvity*

❺ *Valves: Release gas in case of excess pressure and protects the cell against atmosphere*

More power for network power.

Specifications

- Excellent high current performance combined with high service life
- Maintenance-free (no topping up) during the whole service life
- Nominal capacity 14 – 575 Ah
- 12 years design life for blocks/cells at 20°C ambient temperature (80% remaining capacity)
- In compliance with IEC 896-2
- UL 94-V0 version is in compliance with BS 6290 Part 4
- Grid plate construction consisting of a lead calcium alloy
- Very low gassing due to internal gas recombination (99% efficient)
- Low self discharge rate
- Short recharging time
- Proof against deep discharge according to DIN 43 539 T5
- Completely recyclable

Applications

Various capacities make the Marathon L batteries 400 supremely versatile for applications such as telecommunications, emergency lighting, railways and other safety power supplies.

Exide Technologies Industrial Energy – The Industry Leader.

ABSOLYTE MARATHON Sprinter Sonnenschein
Classic Powerfit

Exide Technologies Industrial Energy is a global leader in stored electrical energy solutions for all major critical reserve power applications and needs. Standby power applications include communication/data networks, UPS systems for computers and control systems, electrical power generation and distribution systems, as well as a wide range of other industrial standby power applications. With a strong manufacturing base in both North America and Europe and a truly global reach (operations in more than 80 countries) in sales and service, Exide Technologies Industrial Energy is best positioned to satisfy your back up power needs locally as well as all over the world.

Based on over 100 years of technological innovation the Industrial Energy Division leads the industry with the most recognized global standby power brands such as Absolyte, Sonnenschein, Marathon, Sprinter, and Flooded Classic. They have come to symbolize quality, reliability, performance and excellence in all the markets served.

Exide Technologies takes pride in its commitment to a better environment. Its Total Battery Management program, an integrated approach to manufacturing, distributing and recycling of lead acid batteries, has been developed to ensure a safe and responsible life cycle for all of its products.

EXIDE TECHNOLOGIES
Industrial Energy

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www.networkpower.exide.com

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