



Industrial Batteries

MARATHON™ From the World Leader in VRLA Battery Technology

Marathon – The Industry's Choice in VRLA Batteries.

GNB Industrial Power offers MARATHON Valve Regulated Lead Acid (VRLA) batteries as the industry-proven power solution to a variety of telecommunications and electric utility applications. Superior design principles have been applied across a wide capacity range (28 to 190 Amp-Hours) to assure a combination of long life, solid discharge performance, and scalability to almost any power need. GNB's experience and innovation with VRLA technology makes MARATHON the preferred choice for medium and long duration emergency battery backup.



Application Ready

Telecommunications:

Wireless, Cellular, Distributed Power, PCS, Broadband

Electric Utility:

Switchgear Control Power

Designed to Go the Distance

10 Year Design Life in float applications:

25°C (77°F). Superior Lead-Tin-Calcium-Silver Positive Alloy helps resist corrosion.

Higher Vent Opening Pressure to avoid unnecessary gassing. One-way, self resealing device tested and proven to maximize battery life.

Proper Positive Grid Growth Allowance minimizes buckling of plates and potential shorting.

Carry Handles for ease of installation.

Copper Alloy, 6mm, Female Terminals for low resistance, high integrity connections.



FRONT TERMINAL Series

The 105 AH, 125 AH, and 155 AH Front Terminal MARATHON models capitalize on the same design and reliability features of the widely popular GNB MARATHON Top terminal series. However, the location of the terminals on the front (vs. the top) of the battery greatly facilitates the installation and maintenance of the product when placed in a cabinet enclosure or on a standard relay rack.

State of the Art Manufacturing

- **Fully Automated Helium Leak Detection Equipment** assures integrity of seals.
- **Computer Controlled "Fill-By-Weight" Acid Filler** guarantees proper amount of electrolyte distribution to each cell.
- **Temperature-Controlled Water Bath Formation** creates ideal and repeatable process conditions.
- **Automated Plate Stacking and Assembly Equipment** for efficient and consistent element production.
- **Capacity Discharge Test** for every MARATHON battery promises compliance to the nameplate design.
- **ISO9002 Quality Certification** maintained at the Columbus, Georgia manufacturing facility .

Reliability Enhancers

Patented "Diamond Side-Wall" design to maintain structural integrity in higher operating temperatures.

Durable Polypropylene container and cover. Flame-retardant version available to comply with UL94 V-0: 28% L.O.I.

High-Compression Absorbent Glass Mat (AGM) technology for greater than 99% recombination efficiency.

Integrated Flash Arrestor ultrasonically welded into cover for secure and safe protection.

Marathon- Better from the Inside Out

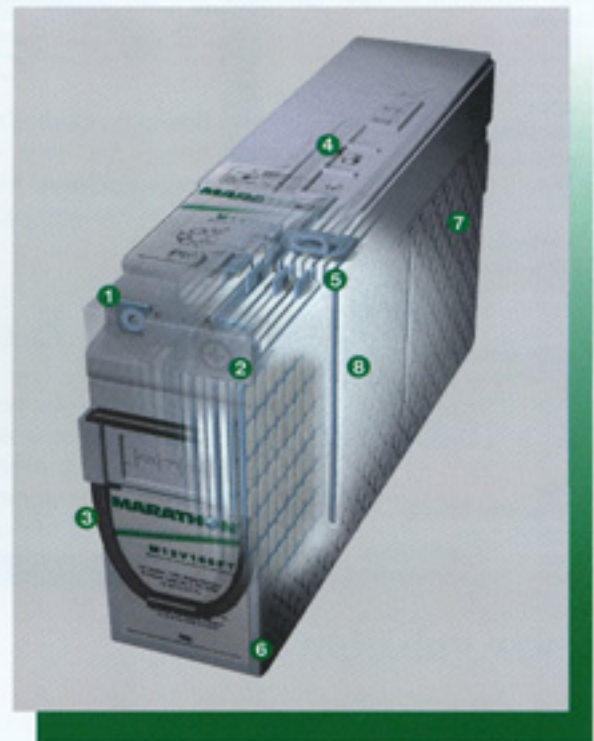
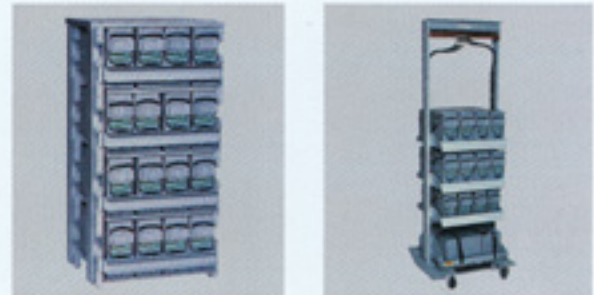
- 1 Front Accessible Copper Alloy Terminals
- 2 Integrated, "Easy On/Easy Off" Post Protector
- 3 Heavy Duty Carry Handles
- 4 Reliable one-way, self-resealing safety vents
- 5 Compact Multicell Design; High Energy Density
- 6 Reinforced Polypropylene Flame Retardant Container
- 7 Patented "Diamond Side Wall" Reduces Deflection
- 8 Highly Compressed Absorbed Glass Mat Separator (Wraps Positive Plates)

AMP-HOUR Flexibility

Wide range of TOP Terminal & FRONT Terminal performance ratings available.

Battery Power Packages for:

- 23" Relay Rack Installations
- NEBS & Seismic U.B.C. ZONE 4 installations



Qualifications: IEC 896-2; UL Recognized Component, Eurobat 10-12 year High Performance, Fully Recyclable to world standards

GLOBAL OPERATIONS

NORTH AMERICA

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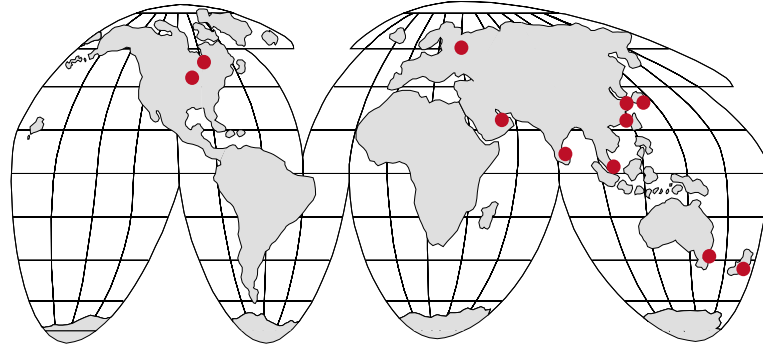
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Industry Leader in Network Power...



The Network Power Division of Exide Technologies is *the* global leader in stored electrical energy solutions for all major critical reserve power applications and needs. Such network power applications include communication/data networks, UPS systems for computers and control systems, and electrical power generation and distribution systems. With a strong manufacturing base in both North America and Europe and a truly global reach (operations in greater than 80 countries) in sales and service, the Network Power Division has all of the tools necessary to satisfy your power needs.

Global Brands...

ABSOLYTE

MARATHON™



GNB Flooded Classic



Based on over 100 years of technological innovation, the Network Power Division continues to lead the industry with such recognized global brands as Absolyte, Sonnenschein, Marathon, Sprinter, and Flooded Classic. These products and brands are synonymous with quality, reliability, performance and excellence in all markets served.

Total Battery Management...



In addition to being the leader in delivering premium products to the market, Exide Technologies takes pride in its commitment to the environment. As part of a complete approach to manufacturing, distributing, and recycling lead acid batteries, the Total Battery Management program has been developed to ensure a safe and responsible life cycle for all of our products.

www.gnb.com

GNB

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