



STRYTEN ENERGY

>>> M-SERIES

MOTIVE POWER BATTERY LINEUP

Stryten Energy provides a variety of solutions for your energy storage needs, including flat plate, tubular, and lithium technologies. Stryten batteries are primarily used in forklift trucks, railroad and military applications.

LITHIUM-ION



M-Series Li510 lithium-ion batteries deliver faster charging, greater efficiency, and increased cycle life, all in a maintenance-free package. Featuring a dual cable system for convenient charging and integrated BMS (Battery Management System) which offers convenience and battery monitoring while providing a more powerful and cost-effective solution for your business.

TUBULAR



M-Series T330 batteries deliver more power in the same size container, with up to 18% more capacity*. These batteries are designed for opportunity and fast charging applications. T330 batteries also feature Stryten's round tubular technology, which provides longer run times versus competitive square grid designs.



The M-Series T310 family of tubular batteries provides the benefit of 90 day watering cycles through an innovative plate design that provides more than 70% more electrolyte headspace. The T310 is ideal for opportunity charge applications.



M-Series T300 batteries deliver premium cost-efficient power and are more durable and dependable than traditional flat-plate designs. T300 batteries are ideal for everyday conventional use and are ideal for opportunity charging operations.

FLAT-PLATE



M-Series F110 batteries deliver premium, cost-efficient power and extended durability to get the job done. The improved performance and extended cycle life of the F110 will boost your medium to heavy-duty trucks' run time. The F110 has been designed for use in opportunity charge applications.



M-Series F100 family is made up of economical flooded flat-plate batteries that have been designed to deliver consistent and reliable power for light to medium duty applications. F100 batteries are optimized for use in conventional charging.



M-Series AGM200 valve-regulated lead-acid batteries never need watering and are designed for light retail and medium warehouse material handling applications.

*versus conventional flooded batteries

CHARGER SYSTEM OFFERINGS

BATTERIES WITH ONBOARD CHARGERS



M-Series AGM220

AGM220 is an integrated valve-regulated lead acid battery and charging system designed for 24 volt electric walkie pallet trucks with loading capacities of up to 4,500 pounds. AGM220 houses a “smart” HF charger complete with auto stop/start capabilities and four 6-volt AGM210 batteries.

OPPORTUNITY AND FAST CHARGING APPLICATIONS



Stryten’s family of multi-use chargers is designed with the latest technology for application in opportunity and fast charging environments. These applications require real-time monitoring of the battery temperature and other parameters.

M-Series X-3 and X-7

The M-Series family of modular multi-voltage opportunity chargers is designed for industrial battery fleet applications. They are ready to charge almost any motive battery, including Stryten’s Li510 lithium-ion. X-3 and X-7 chargers use the latest Silicon Carbide MOSFET (Metal Oxide Semiconductor Field-Effect Transistor) power technology to provide efficient high frequency power conversion to minimize infrastructure costs, reduce your carbon footprint, and provide multi shift opportunity and fast charging capabilities. All X-3 and X-7 chargers are available CEC-certified.



EHI Product Family

This family offers the latest in software-programmable customized battery charging profiles. Temperature from the battery is transmitted to the charger as data over power line to automatically adjust to the shortest and optimal charging profile. Data stored in the charger’s memory can be downloaded wirelessly to a management application on PC.

CONVENTIONAL CHARGING APPLICATIONS



Industrial chargers used for light-duty to heavy-duty applications are available in a wide range of options. These chargers are designed for applications that typically have more than one battery per truck and where batteries are exchanged at the end of each work shift.

EHF and EHY Product Family

These chargers are 100% rated, eight-hour recharge, high frequency devices that deliver multi-profile and multi-chemistry performance for battery types including flooded, flat-plate, or tubular. The newest EHF and EHY models are fully CEC-approved and offer energy-saving charging for multiple line voltages mostly found in smaller facilities.



Scan this QR code with your phone’s camera for additional product information and documents including brochures, installation and operation manuals, warranties and safety documents.

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