



Industrial batteries – Sonnenschein A700
The durable high energy and reliable battery system.

Security for uninterrupted power supply.

The A700 battery range offers the solution to total reliability. This range can give the power over a very long period or extremely high power for short periods. Whatever the power profile, the A700 will guarantee an uninterrupted supply of power, whatever type of equipment to need to protect.

The Sonnenschein A700 batteries has the electrolyte fixed in a gel (dryfit technology). The gel technology means that they are absolutely maintenance-free, with no topping up with water need throughout the life of the battery. Due to their design construction, they provide extremely high power in the most hostile of temperature environments, and with smallest of installation space needed. In comparison to conventional batteries the expenses needed to provide the correct room conditions can be dramatically reduced. Separate battery rooms are no longer needed.

The production of these extremely durable and longlasting batteries takes place in the most modern facilities. The manufacturing process includes state of the art automated production with the most stringent of quality control measures to ensure the product is free from any defects during each stage of the manufacturing process. At the end of the battery's design life, Exide guarantees to take back the old battery for the recycling of all the components.



- ① **Plates:** Grid plate construction consisting of a lead calcium alloy, optimized for high corrosion resistance
- ② **Separator:** Microporous and robust, for electrical separation of the positive and negative plates and optimized for low internal resistance
- ③ **Housing:** Polypropylene (PP)
- ④ **Poles:** Screw-connection (with internal thread) for easy and safe assembly and maintenance-free connection with excellent conductivity

More power for network power.



Specifications

- High current discharge capability, with excellent energy storage capacity
- Maintenance-free during the whole service life due to the Sonnenschein dryfit technology
- Nominal capacity from 21 Ah up to 280 Ah C₁₀
- Design life of 12 years and longer at 20°C (80% remaining capacity)
- Case material polypropylene (PP)
- Thick grid plates (PbCa) assuring a very long life
- 6 volt and 4 volt monoblocs
- Very low gassing due to internal gas recombination system
- Long shelf life up to 2 years storage at 20°C without recharge due to the very low self discharge rate
- Short recharging time
- Proof against deep discharge according to DIN 43 539 T5
- Trouble-free transportation of operational blocs, no restrictions for rail, road, sea and air transportation (IATA, DGR clause A 67)
- Completely recyclable

Applications

Sonnenschein A700 batteries make a completely reliable means of energy source for many applications including: telecommunications, UPS, security, emergency lighting, railways and other power supplies for safety systems.



Exide Technologies Network Power – The Industry Leader.



Exide Technologies Network Power Division is the global leader in stored electrical energy solutions for all major critical reserve power applications and needs. Network 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 Network Power Division 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 Network Power Division leads the industry with the most recognized global brands such as Absolyte, Sonnenschein, Marathon, Sprinter, and Flooded Classic. They are bywords for quality, reliability, performance and excellence in all the markets served.

Exide Technologies takes pride in its commitment to a better environment and 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.

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