

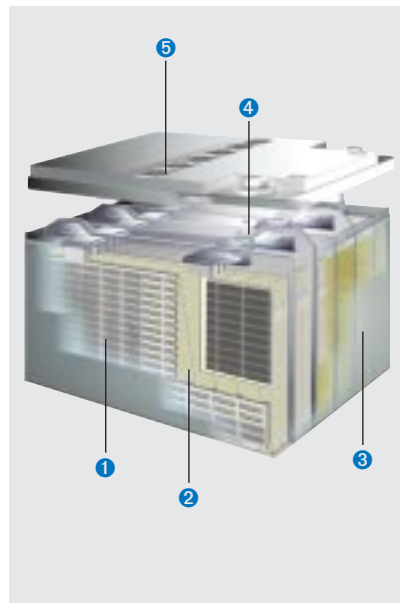
Industrial Batteries – Sonnenschein A500
A powerful, universal safety package.

A500: If reliability in power supply has priority.

Whenever a continuous energy supply is requested, Sonnenschein A500 batteries can offer their proven performance. When the life and health of human beings depends on electrically powered equipment, these superior batteries with the internationally successful dryfit technology have distinct advantages.

In comparison with conventional batteries using liquid electrolyte, the Sonnenschein A500 range has the electrolyte fixed in gel form. This means that the battery is completely maintenance-free. It results in lower overhead expenses – 30% less than others – and makes this battery economically outstanding.

The Sonnenschein A500 battery is produced with the minimum burden on people, waste air and water. It has been designed for ease of handling and has an extremely long service life of minimum 6 years. Completely recyclable, with high energy density and very low gassing makes the Sonnenschein A500 batteries perfect for many different requirements.



- ❶ **Plates:** Grid plate construction consisting of a lead calcium alloy, optimized for high corrosion resistance
- ❷ **Separator:** Microporous and robust, for electrical separation of the positive and negative plates and optimized for low internal resistance
- ❸ **Housing:** Up to 12 Ah in ABS, from 25 Ah up to 180 Ah in Polypropylene (PP)
- ❹ **Poles:** Stuck- or screw connection (optional with internal thread) for easy and safe assembly and maintenance free connection with excellent conductivity
- ❺ **Valves:** Release gas in case of excess pressure and protects the cell against atmosphere



A500 Specifications

- Excellent energy storage capacity combined with high reliability
- Absolutely maintenance-free during their whole service life due to the Sonnenschein gel technology
- Nominal capacity range 1,2 – 200 Ah
- 7 years design life time at 20°C ambient temperature (80% remaining capacity)
- Grid plate construction consisting of a lead calcium alloy
- Very low gassing due to the internal gas recombination
- Shelf life up to 2 years at 20°C due to the very low self discharge rate
- Short recharging time
- Proof against deep discharge according to DIN 43539 T5
- Trouble-free transportation of operational blocks, no restrictions for air, rail and sea transportation (IATA, DGR clause A 67)
- Completely recyclable



Applications

Sonnenschein A500 batteries make an absolutely reliable means of energy source in many applications including telecommunications, security, UPS, emergency lighting, medical 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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