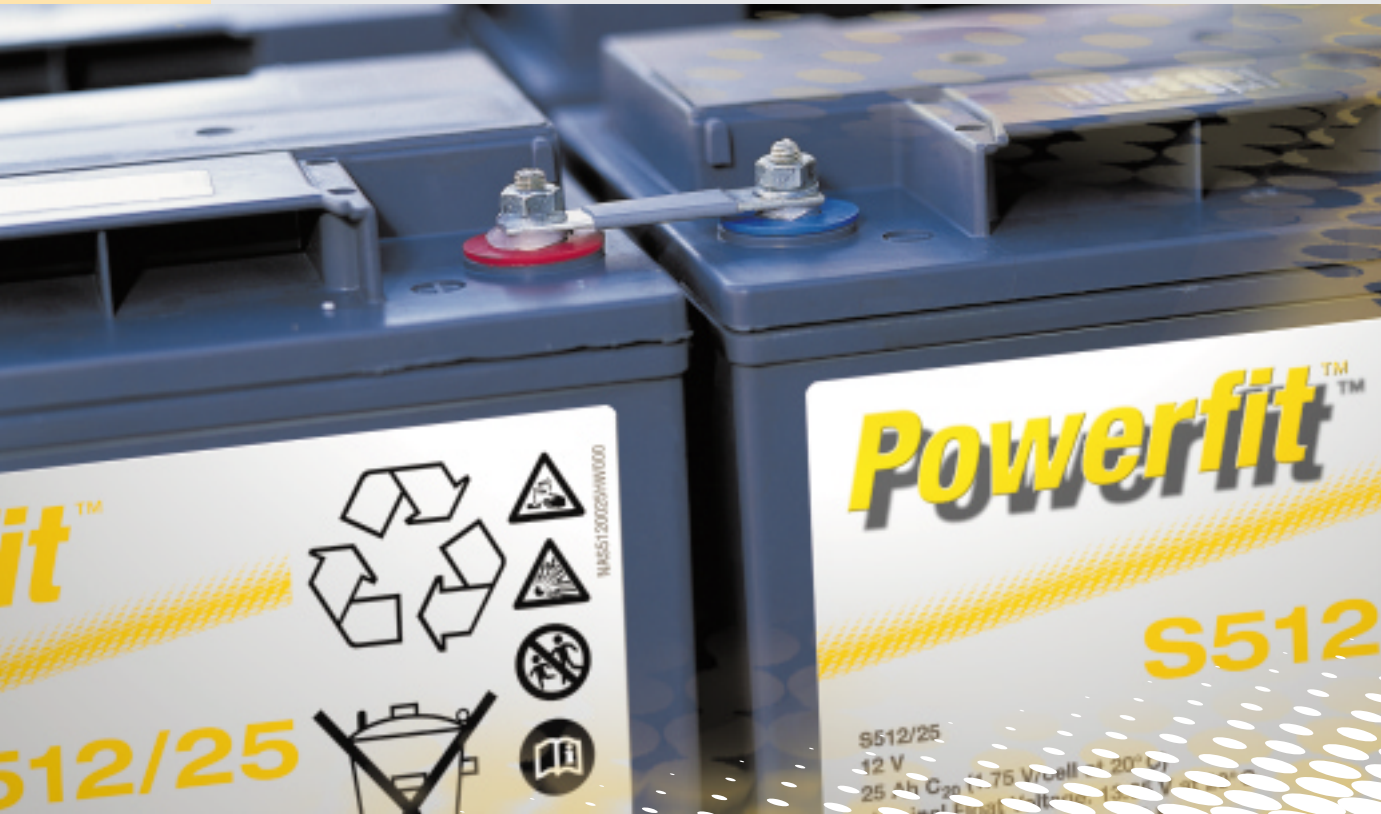


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# Powerfit™



Industrial Batteries – Powerfit S500  
High energy density for maximum security.

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**EXIDE**  
TECHNOLOGIES

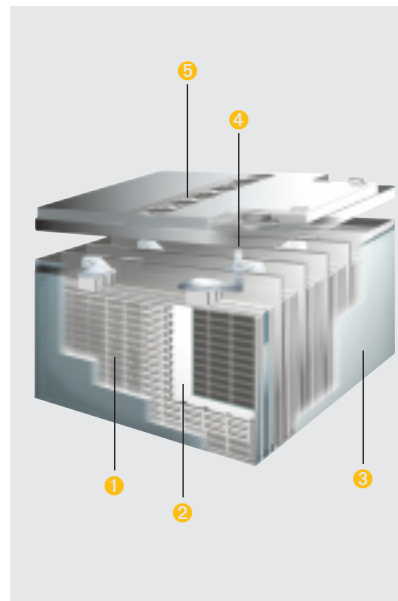
## S500: If cost efficiency and high performance are requested.

Powerfit S500 batteries are VRLA lead-acid batteries (Valve Regulated Lead Acid) with a lead calcium alloy. The electrolyte is fixed in a glass mat with a very fine glass-fibre structure.

Especially designed for safety power supplies and UPS, Powerfit S500 batteries with their reliable high current discharge character are perfect for these applications.

This low gassing, powerful and compact range of batteries has a design life up to 7 years and is completely maintenance free which makes separate battery rooms with associated equipment unnecessary.

The ease of handling, recyclability and long-term storage capabilities are among the benefits of this range. Powerfit S500 batteries offer a remarkable high-discharge-performance/price ratio.



- 1 Plates: Lead calcium alloy, optimized for high corrosion resistance
- 2 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
- 3 Housing: Polypropylene (PP)
- 4 Terminals: Threaded male insert for easy and safe assembly and maintenance free connection with excellent conductivity
- 5 Valves: Release gas in case of excess pressure and protects the cell against atmosphere



## Powerfit S500 Specifications

- Perfect combination between energy storage and high current performance
- Absolutely maintenance-free during their whole service life
- Nominal capacity from 25 up to 185 Ah
- Up to 7 years design life at 20°C ambient temperature (80% remaining capacity)
- Grid plate construction consisting of a lead calcium alloy
- Low gas emission due to internal gas recombination (99% efficient)
- Low self-discharge rate (about 3%/month at 20°C)
- Safe under deep discharge conditions 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

As well as its suitability for general applications in security systems, the Powerfit S500 can be a reliable energy source for UPS systems and emergency lighting.



# Exide Technologies Network Power – The Industry Leader.



**ABSOLYTE**

**MARATHON**

**Sprinter**



**Classic**

**Powerfit**

Exide Technologies Network Power Division is a 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 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.

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