

Product Overview

Our inhouse brand SUN Battery offers a great choice of VdS approved batteries. The AGM batteries are completely maintenance-free and are suited in particular to safety technology as emergency power supply, e.g. in fire alarms or intruder alarm systems.



Fire alarm systems



Intruder alarm systems



Smoke/heat extraction systems



Safety lighting



Emergency power/UPS systems



Video surveillance systems

Sealed and completely maintenance-free

Thanks to their unique construction and sealing technologies, our SUN Battery batteries are completely sealed. The latest in glass-fibre mat technology prevents premature drying out and allows for the batteries to be absolutely maintenance-free.

Long life

SUN Battery batteries are extremely low gas emission due to the internal gas recombination of > 99%, and in combination with a flame-retardant standard housing material in accordance with the UL94 standard, they benefit from a particularly long service life. The VdS-certified 12 V batteries by SUN Battery have a service life (Design Life) of 6 to 9 years ("General Purpose") or 10 to 12 years ("Long Life") according to EUROBAT.

Cycle stability

Our batteries can achieve up to approx. 650 charge/discharge cycles, depending on the depth of discharge.

Wide temperature range

SUN Battery batteries can be used in a wide temperature range from -15°C to +50°C.

Storage

SUN Battery batteries have an extremely low self-discharge rate. They can be stored for up to 6 months at normal ambient temperature (20-25°C). We recommend that you then recharge them—as you would do every time prior to operation.

Quality

SUN Battery batteries are manufactured according to ISO 9001 and ISO 14001 standards and adhere to UL and IEC standards.

Battery-Kutter

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Managementsysteme
Produkte

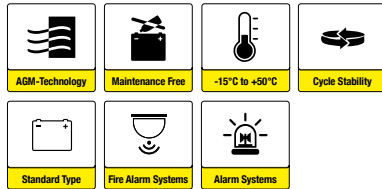


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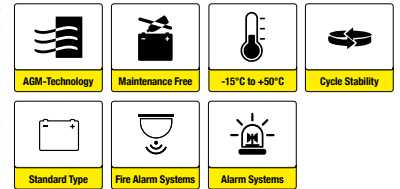
Product Range

For more than 15 years, SUN Battery has been a successful original equipment supplier to well-known manufacturers of security equipment. The brand stands for AGM batteries of the highest quality and the latest technology with excellent value for money.



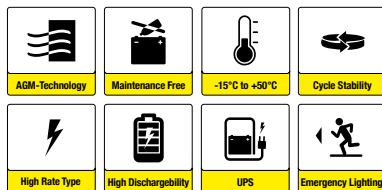
Standard 6 V 3-5 years according to EUROBAT

The maintenance-free lead batteries of the SUN Battery Standard series feature high energy density and a wide variety of dimensions and connections. The 6 V batteries are ideally suited as power supply for hazard alarm systems, medical accessories and much more.



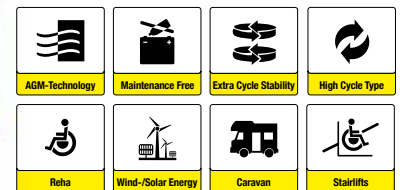
Standard 12 V 6-9/10-12 years according to EUROBAT

The maintenance-free lead batteries of the SUN Battery Standard series feature high energy density and a wide variety of dimensions and connections. The 12 V batteries are ideally suited as backup batteries for various safety systems, such as intruder alarms, fire alarm systems, smoke/heat extraction systems and also for emergency power systems (UPS), medical accessories and much more.



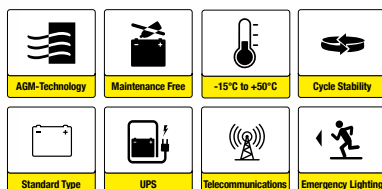
High Rate (HR) 6-9 years according to EUROBAT

Occupying the same amount of space as our standard 12 V series batteries, the High Rate batteries offer approx. 20% greater capacity and can provide a particularly high amount of current for a short-time discharge with less self-discharge. Their main areas of application include UPS systems, emergency power systems, medical applications and much more.



High Cycle (HC) Approx. 450-650 cycles at 50% DOD

The High Cycle batteries have been specially developed for demanding cyclic operation and meet the increasing demand for high cycle applications. The batteries are suitable for a wide range of cyclic requirements and applications such as rehabilitation technology (electric wheelchairs, stairlifts), wind/solar energy systems, caravans/motor homes, sailing and electric boats and much more.



Front terminal 10-12 years according to EUROBAT

Our front terminal series (FT) meets all requirements for valve-regulated lead-acid batteries and, in addition to excellent discharge performance, it offers a service life of up to 12 years according to EUROBAT. The most common applications are uninterruptible power supplies (UPS), as well as telecommunications and safety lighting systems.



Further types

Many other product types and more information about the SUN Battery series can be found at: www.sun-battery.com