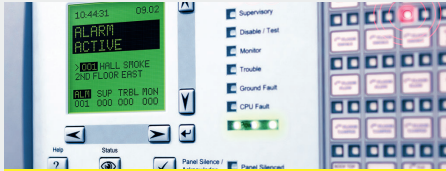


# Product Overview

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

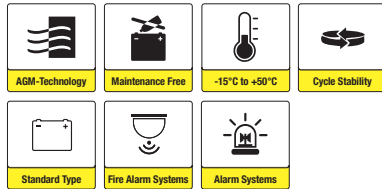
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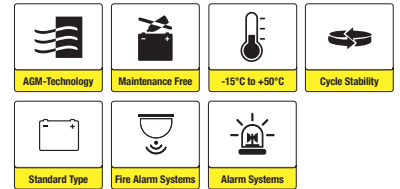
# Product Range

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.



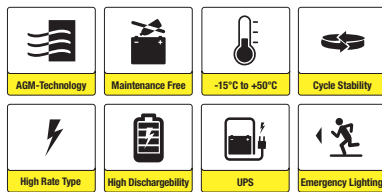
## Standard 6 V 3-5 years according to EUROBAT

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, tools, model making, medical accessories and much more.



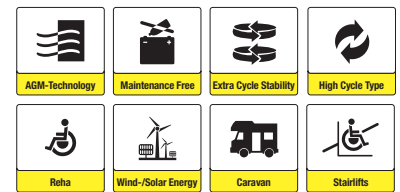
## Standard 12 V 6-9/10-12 years according to EUROBAT

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, tools and much more.



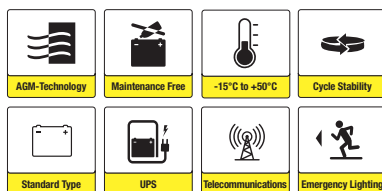
## High Rate (HR) 6-9 years according to EUROBAT

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), power tools, wind/solar energy systems, caravans/motor homes, sailing and electric boats, electric golf trolleys 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](http://www.sun-battery.com)