Xenteq
Mobile energy technology

BATTERY PROTECTOR

2 year warranty

Designed and developed in the Netherlands

Produced in the Netherlands

SBP - SERIES

Lifespan of a battery

The lifespan of a battery depends on many factors. For instance, the depth of discharge also has much influence on how long the battery will last. The deeper the battery is discharged, the less number of cycles it will last. Furthermore, it also varies per type, model and brand how far a battery may be discharged. However, in all cases, it is true that a lead-acid battery may not be fully, so to 100%, discharged. It is therefore important to also follow the user guidelines for the battery with regard to discharging. A battery protector is the appropriate solution to this.

Sufficient remaining capacity

As well as preventing a battery from becoming defect prematurely due to too deep discharges, the battery protector can also ensure that there is always sufficient remaining capacity left. This situation is for instance relevant when starting an engine. By means of the battery monitor, you can also have the less important equipment disconnected first, so that the remaining energy stays available for the more necessary equipment.

Function

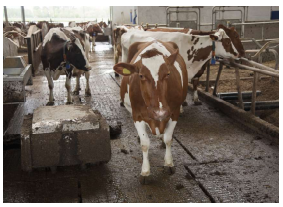
The battery protector is fitted between the battery and the consumers. When the battery has dropped to a particular voltage level, the battery monitor cuts off the power supply. The battery can then no longer be discharged by the connected consumers. The power supply will be automatically resumed when the battery voltage has risen sufficiently by means of charging. Should, in a given situation, it be necessary to resume the power supply earlier than the re-start level, then it is possible to switch the protector on manually.

Disconnect voltages

The lower the battery voltage, the flatter the battery is. Specific situations each require different disconnect voltages. This is why the disconnect level of this battery protector can be adjusted. By means of a button, a choice can easily be made from 6 disconnect moments. In this way, there is always a suitable setting available. Select a high disconnect voltage for a starter battery and for a battery that is especially intended for deep discharges you can set the protector at a low disconnect voltage.

Pre-warning function

These battery protectors also have a so-called pre-warning exit. In this way, an acoustic signal (buzzer) or optic signal (light) can be generated. This gives the possibility to receive a warning when the battery threatens to reach too low a voltage level. With this contact, it is also possible to automatically set a relay, with which for example, a generator could be started.



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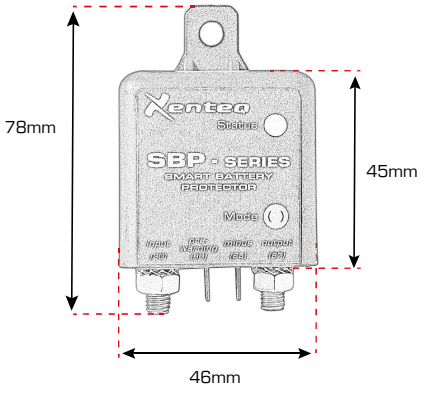
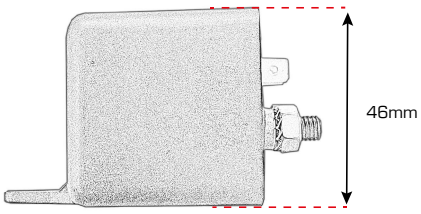
Available models

		SBP 200-12/24
Input voltage range		8-35Vdc
System voltage		12 en 24Vdc, auto detect
Maximum load	@12Volt:	200Amp.
	@24Volt:	100Amp.
Cutt-off voltages	@12Volt:	12,5/12,0/11,5/11,0/10,5/10,0 Volt
	@ 24Volt:	25,0/24,0/23,0/22,0/21,0/20,0 Volt
Automatic restart	@12Volt:	13,0Volt
	@24Volt:	26,0Volt
Weight		100gr.

Auto-detect system voltage

The battery monitors are suitable for both a 12Vdc and a 24Vdc system. The monitor will automatically determine which system it concerns. In a 12Vdc system, the connected consumers may not exceed 200Amp. In a 24Vdc system, this is 100Amp.





Did you know?
The battery monitors from the SBP series have been developed entirely by Xenteq and are also produced by us in house!

Your dealer

Never a too flat battery again!

Extensive technical details can be found on our website::

www.xenteq.nl