

Also for
LiFePO4
batteries!



5 year
warranty

SmartValue
service label

Proflin
battery chargers

Designed and developed
in the Netherlands

Produced
in the Netherlands

LBC 500XTR-SERIES

Multifunctional

The LBC 500XTR has been designed by Xenteq as the small powerhouse in the battery charger range. Due to its high robustness (IP66), this charger doesn't shy away from almost any demanding task. The application area is therefore very wide. But despite its durability and extensive features, the charger remains user-friendly. You choose with the LBC 500XTR for an absolute quality charger with professional care for the battery.

Fully automatic charging process

This charger is suitable for all varieties of use. For example e.g. if the charger has a fixed connection to the battery and/or the mains. The charger automatically completes the charging process and will also start a new process when necessary. Once the charging process is completed the battery charge is maintained through trickle charging (float). When the battery is trickle charged for extended periods (e.g. winter storage), the charger will switch to a special maintenance phase to keep the battery in good condition. The charging status is shown on the front of the charger with three LEDs to easily read the charge status. The LBC charger can also function optimally when multiple power sources (alternator, solar panel, etc.) are connected during charging or while energy consumers are switched on.

Charge voltages

Each type of battery has its own charging specifications. Also the various battery brands can differ in their

charging standards. For this reason the LBC charger has multiple charge settings to ensure that an optimal charging process for all various types of batteries. The charge setting is easy to change with the push of a button. For batteries that are really heavily used, the charger even contains an extra phase with which the sulphate can be broken down properly. The charger is suitable for all lead-acid batteries and it has a special programme for LiFePO4 batteries. Various types of batteries can therefore be charged with the same LBC 500XTR charger, while also keeping an eye on future developments.

Protections

The charging process is microprocessor controlled, which means that it is very accurate and, above all, very safe. The required reverse polarity and short-circuit protections are included, but the LBC 500XTR goes much further than that. The charger also contains for instance a triple-temperature protection (!) and the charging time, the input voltage and battery voltage are all monitored. And this is just a summary of all of the properties that the LBC 500XTR includes.

Power supply

The charger is also adjustable to be used as a power supply. This means that in this state consuming devices can be directly connected to the charger without the intervention of a battery.





Available models

Article	Voltage	Current	Dimensions	Weight
LBC 512-10XTR	12Vdc	10Amp.	20,4x13,3x5,9	1,8kg
LBC 512-15XTR	12Vdc	15Amp.	23,3x13,3x5,9	2,2kg
LBC 512-20XTR	12Vdc	20Amp.	23,3x13,3x5,9	2,2kg
LBC 524-5XTR	24Vdc	5Amp.	20,4x13,3x5,9	1,8kg
LBC 524-10XTR	24Vdc	10Amp.	23,3x13,3x5,9	2,2kg

Tip

For lead-acid batteries, a minimum of 10% of the battery capacity is required as a charging current to ensure a good charging process. If the charging current is too low in relation, the battery could become damaged. The believe that any charger can completely charge any battery when given enough time comes with a certain element of risk. There is also a maximum charge linked to the charging current, depending on the type and brand of batteries. When the charger is used only to maintain the battery and not to completely charge it a smaller current would suffice.



Smart Value label

LBC 500XTR Series are fitted with the Smart Value service label, which is a guarantee of benefits and assurances when it comes to service. This is a unique added value for users of these chargers! Read more on our website.

Your dealer

Did you know?

Because the LBC 500XTR is for 100% an own product of Xenteq, it is possible to make customer specific adjustments, even for smaller quantities. This is a unique service that is valued in the professional market.

Also available

Is the battery charger used under normal, dry conditions? Than you can possibly choose for the LBC 500S series.



Accessories

Battery temperature sensor

Ex-works it is possible to carry out the charger with a battery temperature sensor. With this sensor the charging process is adapted to the battery temperature.

PC 1

The optional PC1 mounting kit consists of two terminals for easy connection of the battery charger. This provides the charger with a fixed mounting, while still allowing for it to be easily removed and put back in place, without having to remove the screws. This is ideal for when you need to use the charger in multiple locations.



The small but robust powerhouse!