

State-of-the-art storage elements



The sun does not always shine, and the wind blows irregularly. However, a massive solar and wind system is far from suitable for every application. That's why you need rechargeable storage elements such as batteries and batteries, which will hopefully be recharged later in the application from **renewable energy sources**. Batteries are found in countless mobile systems. As batteries including protective circuits, for example in electric cars, e-bikes, and more recently also in e-trottinettes. Soon, each new product will have an E- before the type designation. Storage elements everywhere! Most of all, it's in the mobile phones that virtually every person carries around with them all the

time. Here it is mainly the well-known lithium-ion batteries and batteries. In the industry, the Li-ion packs are manufactured exactly to specific customer needs. Here it is definitely worth contacting experts in this field. The devil is in the detail here, too.

Tips for mobile phone users

With all the countless mobile phone types, you should know that they are usually recharged within 1000 to 1500 cycles. Fortunately, this will be enough for a few years. But even before that, the loading capacity is constantly reduced. Also, it is not absolutely necessary to charge the mobile phone or other lithium-ion applications again and again to 100%. Experts recommend the range from about 30% up to a maximum of 80%. You can also save money by turning on the power-saving mode. Performance is slightly reduced, but in the mobile phone background, the consumption-intensive apps, etc. are turned off. The user will also save power if the background lighting is not fully turned on. And those who do not buy a new mobile phone every year are now serving the environmental protection that is now in everyone's interest.