

A red office chair with white armrests is positioned in a modern office setting. The chair is facing away from the camera, and its backrest is slightly reclined. The background shows a white wall and a curved metal railing.

Reha & Care

A red automated guided vehicle (AGV) is shown in a warehouse setting. The AGV is carrying a large cardboard box with a logo on it. It is moving along a yellow line on the floor. In the background, there are blue and yellow shelving units filled with boxes.

FTS/AGV

A medical monitor displays various vital signs and a heart rate graph. The screen is blue and shows the following data: NIBP 113/68, SYS 113, DIA 68, MAP 76, CURF 14:28, SpO2 100, and IMP-RR 86. A hand is visible on the right side of the screen, interacting with the display.

Mobile Workstations

# LiBrick Standard

Your partner for innovative and  
reliable energy storage systems

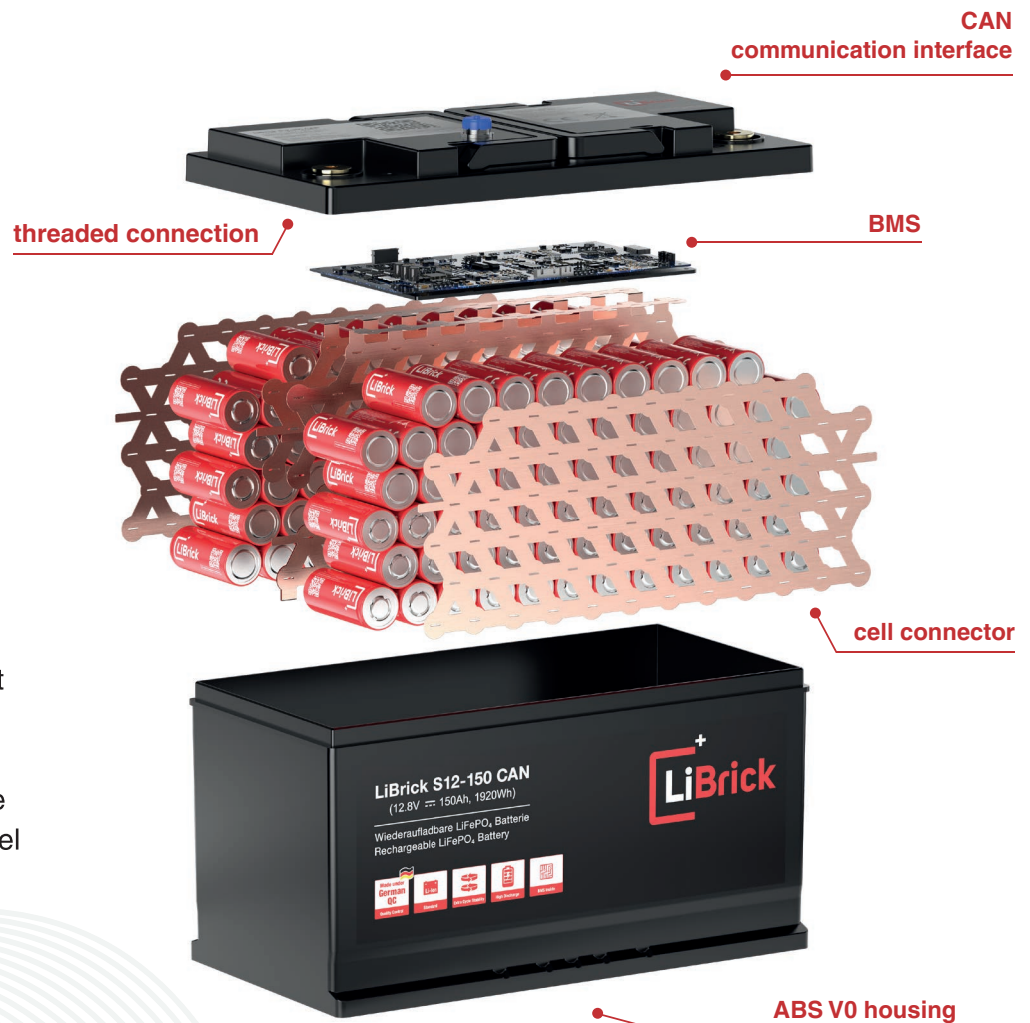
# LiBrick stands for first-class quality and reliability.

The LiBrick standard range of safe, high-performance lithium iron phosphate (LFP) cells includes cells with protective circuitry in shrink tubing and high-performance  $\text{LiFePO}_4$  batteries in standard lead housings. LFP cells not only offer high thermal stability, but also reduce the risk of fire. They are also characterised by a high number of charging cycles and are particularly robust against high discharge conditions and currents. Furthermore, the standard design in a flame-retardant ABS V0 housing makes it easy to replace existing systems.

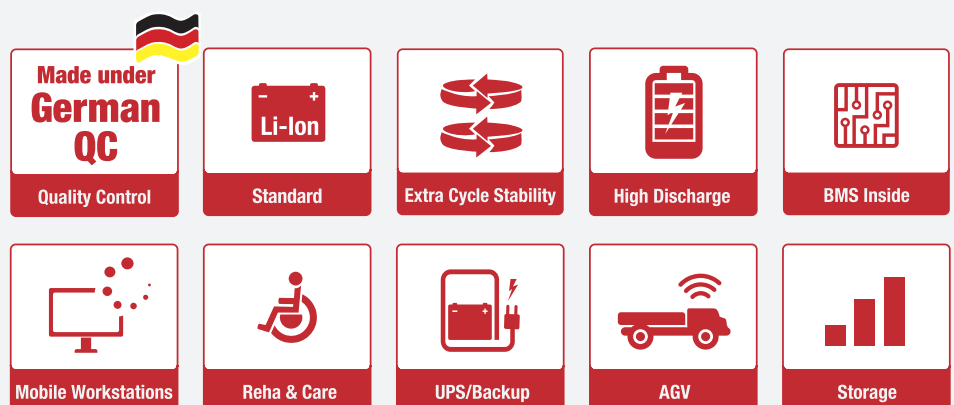
The battery management system (BMS) integrated in most LiBrick batteries provides reliable protection against overcharging, deep discharge and overheating.

The CAN versions also have a built-in communication interface that enables real-time monitoring and control of battery performance. This means that users benefit from a safe, durable and efficiently monitored energy solution.

Thanks to comprehensive certifications, strict development standards and extensive quality testing by German experts, you always receive products that are characterised by the highest level of reliability and safety.



**Your partner for innovative and reliable Energy storage**







## LFP-Cells with protective circuitry in shrink tubing:

The cells with protective circuitry in shrink tubing offer compact, flexible and powerful solutions for various applications:

**LiBrick S3.2-1.6** – for lower energy requirements

**LiBrick S3.2-4** – for medium energy requirements

**LiBrick S6.4-4** – for larger energy requirements

### Advantages:

- +** **safe and reliable:** with protective circuit for protection against overcharging and over-discharging
- +** **flexible use:** compact design, ideal for various applications
- +** **easy handling:** open cable connections allow flexible integration



## LiFePO<sub>4</sub> in a lead housing:

LiFePO<sub>4</sub> batteries in lead housings are the ideal solution for applications with high energy and performance requirements:

**LiBrick S12-7.5** – for medium applications

**LiBrick S12-20** – for more demanding applications

**With communication interface:**

**LiBrick S12-150 CAN** – for professional applications

**LiBrick S24-20 CAN** – for industrial applications

**LiBrick S48-20 CAN** – for large-scale applications

### Advantages:

- +** **long service life and high cycle stability:** guaranteed by LiFePO<sub>4</sub> technology.
- +** **robust & safe:** with ABS V0 housing and integrated BMS.
- +** **versatile:** perfect fit for many applications.

## LFP-Cells with protective circuitry in shrink tubing

Product	Product item number	Volt (V)	Capacity (Ah)	Energy (Wh)	L x W x H in mm	Weight (g)	Connections
LiBrick S3.2-1.6	24113755	3,2	1,6	6,4	Ø20 x 72	55	open cable
LiBrick S3.2-4	20513858	3,2	4	12,8	Ø27 x 72	105	open cable
LiBrick S6.4-4	24113762	6,4	4	25,6	53 x 28 x 68	190	open cable

## LiFePO<sub>4</sub> in a lead housing

Product	Product item number	Volt (V)	Capacity (Ah)	Energy (Wh)	L x W x H in mm	Weight (kg)	Connections
LiBrick S12-7.5 T1	20513756	12,8	7,5	96	151 x 65 x 94	1,1	T1
LiBrick S12-7.5 T2	20513897	12,8	7,5	96	151 x 65 x 94	1,1	T2
LiBrick S12-10 T2	20713911	12,8	10	128	151 x 65 x 94	1,3	T2
LiBrick S12-12 T2	20713899	12,8	12	153,6	151 x 98 x 96	1,5	T2
LiBrick S12-20	20713900	12,8	20	256	181 x 77 x 168	2,3	M5
LiBrick S12-20 CAN	20713909	12,8	20	256	181 x 77 x 183	2,3	M5
LiBrick S12-90	20713903	12,8	90	1152	306 x 168 x 210	11,0	M8
LiBrick S12-100	20713905	12,8	100	1280	330 x 173 x 215	10,0	M8
LiBrick S12-150 CAN	20714009	12,8	150	1920	335 x 175 x 205	15,5	M8
LiBrick S12-200	20713907	12,8	200	2560	522 x 228 x 253	21,0	M8
LiBrick S24-3 T2	20713924	25,6	3	76,8	151 x 65 x 94	0,9	T2
LiBrick S24-3.3 T2	20713925	25,6	3,3	84,48	151 x 65 x 94	1,2	T2
LiBrick S24-9 T2	20714078	25,6	9	230,4	151 x 98 x 95	2,0	T2
LiBrick S24-10	20513757	25,6	10	256	181 x 77 x 168	2,7	M5
LiBrick S24-10 CAN	20713912	25,6	10	256	181 x 77 x 183	2,7	M5
LiBrick S24-20	20513758	25,6	20	512	195 x 130 x 183	4,5	M6
LiBrick S24-20 CAN	20713913	25,6	20	512	195 x 130 x 183	4,5	M6
LiBrick S48-20 CAN	20713921	48	20	960	260 x 168 x 225	8,4	M6

We will be happy to provide you with information on minimum order quantities, delivery times and prices on request. For detailed information and quotations, please contact us by telephone on **+49 40 611 631-0** or by e-mail at **bestellung@battery-kutter.de**.

## Battery-Kutter

Battery-Kutter GmbH & Co. KG  
Robert-Koch-Straße 19a · 22851 Norderstedt  
Phone: +49 40 611 631-0 · Fax: +49 40 611 631-79  
E-Mail: [info@battery-kutter.de](mailto:info@battery-kutter.de)

[www.battery-kutter.com](http://www.battery-kutter.com)

