

Reha & Care



FTS/AGV



Mobile Workstations

LiBrick Standard

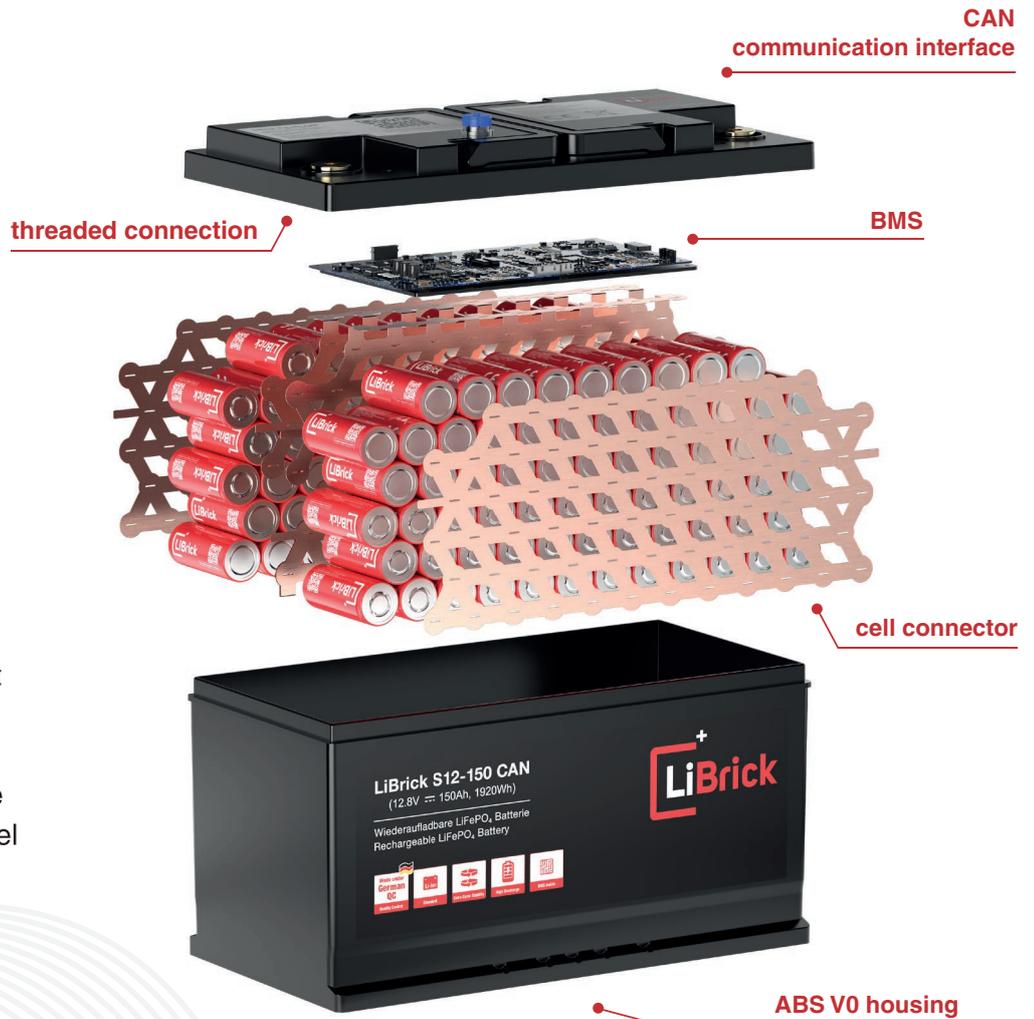
Your partner for innovative and
reliable energy storage systems

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 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



LiFePO₄ in a lead housing:

LiFePO₄ 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 LiFePO₄ 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

LiFePO₄ 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**.

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