



RKB electronic AG

Traction battery – Logistic



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The RKB traction battery – Logistic is made in Germany. This includes the production of mechanical components, development and production of the electronics as well as the whole manufacturing process up to the “ready for delivery” battery. Using LFP batteries from well-known manufactures ensures a higher performance compared to conventional lead or nickel batteries.

Benefits at a glance

- ▶ Optimized idle time
- ▶ Increased productivity
- ▶ Low self-discharge
- ▶ High energy density allows small designs
- ▶ High current load capacity
- ▶ Large operating temperature range
- ▶ Long cycle life
- ▶ Low weight

Technical specifications

Voltage:	24VDC / 48VDC
Technology:	LiFePo4
Operating temperature:	-20 °C bis +60 °C
Charging temperature:	0 °C bis +60 °C
Storage temperature:	-10 °C bis +60 °C
IP-Code:	IP54





<h1>24V</h1>				
Energy	100 Ah	200 Ah	400 Ah	400 Ah
Capacity	2.5 kWh	5.0 kWh	10.0 kWh	10.0 kWh
Dimensions	z. B. 165 x 400 x 700	z. B. 165 x 600 x 660	z. B. 400 x 400 x 780	z. B. 550 x 320 x 660
Weight	~55 kg	~80 kg	~155 kg	~155 kg

Other sizes available upon request.

Charging technology

We offer a variety of chargers to match our intelligent battery systems. They generally feature an input of 230 VAC or 400 VAC. The charging process is microprocessor controlled according to the required charging method (e.g. CC/CV for Li-Ion).



				
12V	24V	24V	48V	48V
LFP/Li-Ion	LFP/Li-Ion	LFP/Li-Ion	LFP/Li-Ion	LFP/Li-Ion
250Watt	250Watt	750Watt	750Watt	2,5 kW

Couldn't find what you need?

As an “All-In-One” service provider we gladly take care of the technical realization and development, prototypes as well as serial production of your power supplies. You benefit from years of experience in intelligent battery systems assembly as well as our consistent business relations with well-known battery manufacturers.