

SMART ENERGY SOLUTIONS

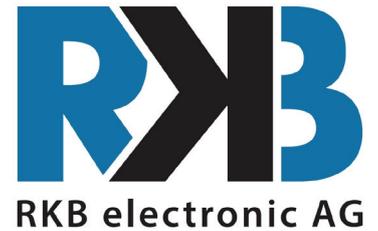


BATTERY
SOLUTIONS
BASED ON
LITHIUM TITANATE



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LITHIUM TITANATE BATTERY



More efficiency for your application

The lithium titanate cell is the right choice for batteries used in special conditions.

Technical specifications

- Own BMS with additional interface for external BMS (optional)
- Dimensions: B247xT188xH165mm
- Operating temperature: -30°C to 45°C
- Up to 3 C / 3C charge / discharge currents
- Up to 6 C / 6 C permanent load

Advantages

High safety standard

The industrial lithium-ion batteries do not produce dangerous hydrogen gas and charging the battery at the construction site is extremely easy.

Long service life

A long service life of 10 years reduced the total costs. The battery can be used for more than 20,000 cycles.

Quick charging process

It takes 8 hours to charge a lead battery. For the Lithium-Ion battery, the charging time is reduced eight times. Therefore, a quick charge within 20 minutes is possible.

Easy to replace

The industrial lithium-ion battery is easy to use and handle. There is no complicated wiring and the battery is ready to use immediately upon according to plug and play.

Low temperature

The industrial lithium-ion battery is resistant to low temperatures. It outputs 70% or more capacity even when the ambient temperature is -30°C.

Compact and lightweight

The smaller size reduces the load when replacing with the charged battery. The battery weighs about a quarter of a lead acid battery. The total weight of the industrial lithium-ion battery is only 8 KG. This reduces the workload significantly.

Remarkable efficiency

Costs and benefits of your application are decisively optimized (total of low cost ownership)

Application possibilities

- AGV with robot arm
- Driverless transport system
- Service robots
- Aerial work platforms
- Towing vehicles
- Electrified monorail system
- Wind turbines
- Pc power supply



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