

SAFE CHARGING



BEING PROTECTED

LITHIUM BATTERY BOX

Safety without compromise! RACLAN® - the world's first DMT-TÜV Nord tested charging and storage box for lithium-ion batteries.



Lithium-ion batteries have become an indispensable part of our daily lives. Whether in the household, in leisure time or at work, ever more powerful rechargeable batteries are constantly expanding the possible uses of devices without power cables. This also considerably increases the risk of so-called "thermal runaway" - the term used to describe the explosive ignition of battery cells. Serious accidents with personal injury and fire damage are occurring more and more frequently. For example, the fire brigades of London, New York and Vancouver name lithium batteries as the most frequent cause of fires. In Germany, 2021 Fire Departments were called more than 6,000 times to fires caused by lithium-ion batteries. In the first half of 2022, 10 yachts were destroyed by fires caused by lithium-ion batteries. There is therefore a great need for a practicable way to safely charge and store such batteries.

With the RACLAN® Box, we offer exactly this desire and increasingly also the requirements of insurers.

Our RACLAN® Box is the safest way to charge and store lithium-ion batteries. This has been confirmed by the DMT-TÜV Nord in an elaborate test. No other box has passed this test so far - we are very proud of that.

What makes the RACLAN® Box so unique? It is made of a fire-resistant, explosion-proof and very light composite material. Added to this is our patented compressed gas-free extinguishing and cooling system, which cools a burning battery and extinguishes fires. In addition, RACLAN® has an effective exhaust gas management system with integrated filters that absorb all toxic particles produced during a thermal runaway. The RACLAN® Box operates fully automatically, is maintenance-free and has an emergency power supply for the monitoring electronics.



- Fire-resistant & explosion proofed housing
- Extinguishes extremely fast
- Ultra-light weight
- Very simple handling
- Integrated pressure-free extinguishing and cooling system
- Safe to use in enclosed spaces
- Environmentally friendly and biodegradable
- Free from hazardous materials
- Real fire and explosion proofed by DMT (TÜV NORD)
- Emergency power supply for the monitoring electronics

RACLAN® BOX and K-Series.

The new dimension in terms of fire protection.

LITHIUM BATTERY
BOX

Safety in motorhomes
The K-Series extinguishes a fire in kitchen within 3 sec.



Safety in motorhomes
Devices with lithium-ion batteries are safely charged and stored in the RACLAN® Box.



Safety in leisure time
E-mobility totally safe: all lithium batteries can be safely charged and stored.



Safety at home
Most fires are caused by inattention while cooking. Our K-400 series extinguishes a fire within 3 sec.



LITHIUM BATTERY BOX



FIRE SAFETY CONCEPTS

Safety on board

We provide safe solutions for charging and storing of batteries from e.g. Seabobs or Jetboards.



Safety on board

Most fires happens in kitchen. Our K-Series extinguishes fire within 3 sec.



Safety on board

We ensure worry-free fun with water toys with customised protection systems for lithium-ion batteries.



Safety on board

Countless devices with lithium-ion batteries are on board. We guarantee safe charging and storing.



The FISACON GmbH is a German engineering and production company. It develops and produces the unique **RACLAN Boxes** for the safe handling of lithium batteries. Another business area is pressure-free fire extinguishing systems for private and commercial applications.

join us on   

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