



Product Description

The RACLAN Square Box was developed to safely charge and store lithium-ion batteries on land and maritime areas.

Funktional Description

As soon as a critical increase in temperature is detected within the box, the charging function switches, the extinguishing agent is released and an alarm signal starts.

Product Data

Product name:	RACLAN-Square-Box
Weight:	Approx 35kg (including agent)
Dimension (L x B x H):	580mm x 580mm x 380mm
Dimension inside (L x B x H):	540mm x 540mm x 235mm
Colour:	Silver – Beechwood (other colours on request)
Extinguishing Agent:	TRIDENT®
Extinguishing Amount:	10 Liter
Extinguishing Agent Durability:	10 Years

Maximum Battery Capacity (including charger)

Certified by DMT GmbH & Co. KG (DNV accredited, TÜV Nord Group)	
Maximum single battery capacity:	3,5 kWh Lithium-Ion Battery
Maximale total battery capacity:	3,5 kWh Lithium-Ion Batteries

Power Supply

External:	100-230V / 50-60Hz
Internal:	12V LiFEPO4 Battery (rechargeable)

Operating Conditions

Humidity:	5 - 95% Relative humidity
Ambient Temperature:	5 - 55°C (protect from long-term sunlight)

Scope Of Delivery

- 1 x RACLAN Square Box
- 1 x Power Supply Cable
- 1 x User Manual
- 4 x Rubber Feet
- 2 x Turn On Key
- 2 x Front Door Lock Key

Warnings

- Only to be used for charging and storing lithium-ion batteries.
- Only to be used when the door is fully locked.
- Do not store easily flammable materials directly on or beside the box.
- Only to be used for the above maximum battery capacity.
- In poorly ventilated facilities, proper ventilation to the outside must be provided.

Maintenance & Cleaning

- For maintenance, follow the instructions in the user manual.
- The box can be cleaned inside and out with warm water.

Accessories

Adapter (63mm) made of temperature-resistant material for ventilation pipes and hoses.

Kontakt

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