TechnoPhysik Group



Product Description

The RAMBSS 500 module is developed for safely charging and storing lithium-ion batteries on Yachts.

Functional Description

As soon as a critical temperature increase is detected within the module, the charging function is switched off, an audible alarm starts and an alarm is sent to the bridge via the AMCS.

Product Data

Product Name:	RACLAN Maritime Battery Safety System - RAMBSS
Weight:	~ 85 kg
Dimension (H x W x L:	502mm x 602mm x 700mm
Dimension Inside (H x W x L)	280mm x 520mm x 520mm
Colour:	Matt white/silver
Cooling System:	Redundant, free of compressed gas
Coolant Concentrate/ Amount:	Special Aditive / 1,5 Liter
Cooling Fluid Durability:	10 Years

Maximum Battery Capacity (including charger)

Certified by TÜV Nord

Maximale total battery capacity: 5,20 kWh Lithium-Ion Batteries

Power Supply

External:	100-230V / 50-60Hz
Internal:	24V Lead Acid Battery (rechargeable)

Operating Conditions

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

Scope of Delivery

1 x RAMBSS Module
1 x Power Supply Cable
4 x Rubber Feet
2 x Turn On 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 close to 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.
- The temperature inside the box must not exceed 70°C.

Maintenance & Cleaning

The RAMBSS Module requires yearly service made by an authorized company.
The Module can be cleaned inside and out with warm water.
For further information, please read the instruction manual carefully.

Contact

info@si.tp-group.com.com | MINERALKA d.o.o., Cesta pod Slivnico 24, SI-1380 Cerknica, Slovenia
www.raclan.eu

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