



Product description

The Rambss 500-750-1500 modules are developed to safely charge and store tools and toys with integrated lithium-ion batteries on land and in maritime areas.

Functional description

As soon as a critical increase in temperature is detected within the box, the charging function switches off, the extinguishing agent mixture is released and an alarm will be send to the AMCS.

Product data

Product name:	Rambss module 500-700-1500
Product weight:	45 kg - 75kg - 115kg
Dimensions 500 (L x W x H):	600mm x 600mm x 520mm
Dimensions 750 (L x W x H):	600mm x 600mm x 770mm
Dimensions 1500 (L x W x H):	600mm x 600mm x 1520mm
Color(s):	Grey (other colors on request)
Extinguishing agent:	TRIDENT® water mixture
Quantity:	390L
Shelf Life:	10 Years

Maximum Permitted Battery Capacity (including Charger)

Max. single capacity 500:	4,35 kWh Lithium-Ion Battery
Max. total capacity 500:	4,35 kWh Lithium-Ion Batteries
Max. single capacity 750 - 1500:	5,25 kWh Lithium-Ion Battery
Max. total capacity: 750 - 1500:	5,25 kWh Lithium-Ion Batteries

Power supply

Extern:	100-230V / 50-60Hz
Intern:	12V LiFePO4 Battery (6 weeks back up while lack of power supply)

Operation conditions

Air humidity:	5 - 95% relative air humidity
Ambient temperature:	5 - 40°C (protect against direct sunshine)

Signals in case of thermal runaway

- AMCS notification
- Alarm buzzer 80dB
- Notification on touchscreen mounted on module



Scope of Delivery

- 1x Rambss module 1500
- 1x Integrated attachment points to fix Seabobs, batteries and chargers
- 1 x Power supply cable
- 1x Water 1/2" connection
- 1x AMCS connection
- 2x Turn on key
- 2x Front door key
- 4x Mounting feet
- Mouning connecting elements for stacking modules
- 2x Wall connecting elements
- 1 x User Manual

Warnings

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

Maintenance and Care

- The box can be cleaned inside and out with warm water.
- Annual recertification and renewal of filters is mandatory
- For maintenance, follow the instructions in the user manual.

Accessories

- Touchscreen display

Certifications

- DMT GmbH & Co. KG (DNV accredited, TÜV Nord Group)
- Lloyds DAD approval

Contact

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