



Product Description

The RACLAN Square Box II is developed for safely charging and storing lithium-ion batteries indoors and outdoors.

Functional Description

As soon as a critical temperature increase is detected within the box, the charging function is switched off, the cooling fluid is released, and an alarm signal starts.

Product Data

Product name:	RACLAN SQUARE Box II
Weight:	~ 45kg (including cooling fluid)
Dimension (L x B x H):	580mm x 580mm x 380mm
Dimension Inside (L x B x H):	540mm x 540mm x 235mm
Colour:	Matt grey/silver
Cooling Fluid:	TRIDENT®
Cooling Amount:	10 Liter
Cooling Fluid Durability:	10 Years

Maximum Battery Capacity (including charger)

Certified by DMT GmbH & Co. KG (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 II
- 1 x Power Supply Cable
- 1 x User Manual
- 4 x Rubber Feet
- 2 x Turn On Key
- 1 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 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.

Maintenance & Cleaning

The Raclan Square Box II requires minimal maintenance.

An annual functional check of the cooling system is needed. See the information label on the back for details. The box can be cleaned inside and out with warm water.

For further information, please read the instruction manual carefully.

Contact

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