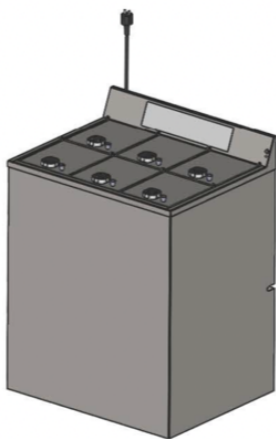


LITHIUM-ION BATTERY CHARGING CABINET

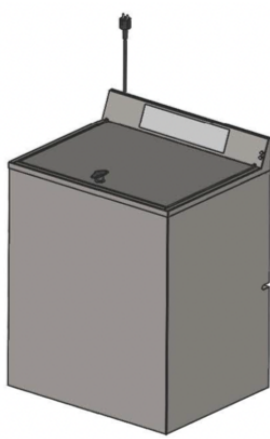
Vault

Charging cabinet for e-bike, e-scooter and power tool batteries. In a fault, the cabinet stops thermal runaway by submerging the batteries in water, halting the reaction.

MAINS POWER ONLY
NO APP OR INSTALLATION
4-YEAR WARRANTY
MODELS


6X - 4035

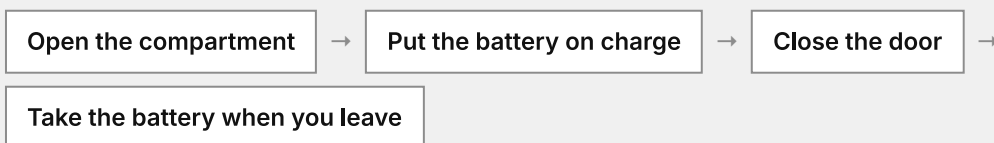
6 compartments
Six separate doors, one battery per compartment.



1X - 4053

1 compartment
One door, one compartment with two shelves.

Locking is chosen per site: latch-locked door or PIN-code lock.

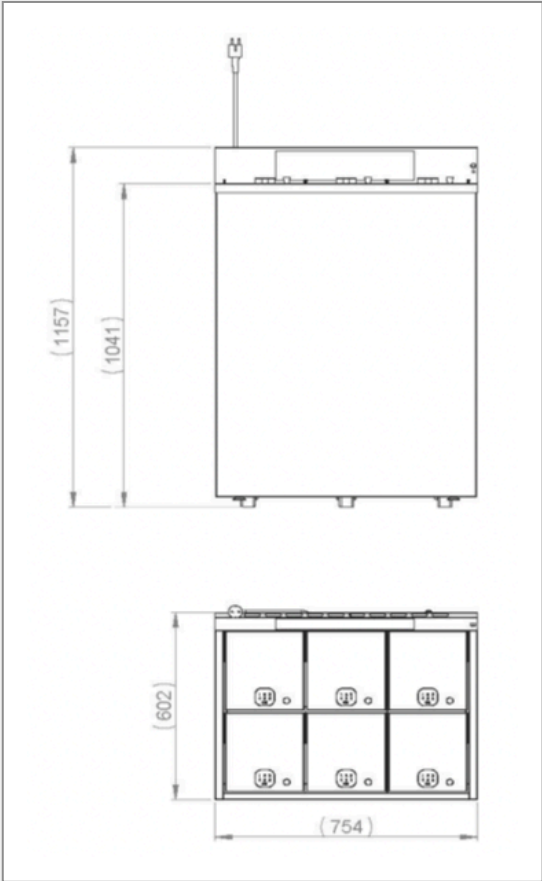
HOW IT WORKS


01 Monitor Sensors track gas concentration and temperature inside the cabinet. Threshold values identify thermal runaway.	02 Cut power If a value deviates, charging current is cut and the cabinet logic assesses the situation.	03 Submerge If the reaction continues, the batteries are submerged in water and the alarm buzzer sounds.	04 Stopped Thermal runaway stops. The batteries must be removed by the rescue authorities.
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TECHNICAL DATA

Dimensions (H × W × D)	1158 × 754 × 602 mm
Weight, empty / filled	70 kg / 240 kg
Suppression water volume	170 l
Ingress protection (SFS-EN 60529)	IP40
Rated voltage and current	230 V, 50 Hz, 16 A
Power inlet	Schuko plug
Charging sockets	6
Operating temperature	+5 °C to +30 °C
Storage temperature	−25 °C to +50 °C
Package dimensions (H × W × D)	1200 × 1200 × 800 mm
Package gross weight	260 kg
Dry contact to building automation	Yes
Fire alarm system interface (EN 54)	No
CE marked	Yes
EMC tested	Yes
Warranty	4 years, extendable

DIMENSIONS, MM



Side and top view, 6-compartment model.

INSTALLATION

01 Place it Set the cabinet on the floor in a heated space.	02 Fill with water 170 l of tap water.	03 Plug it in Standard Schuko socket, 16 A fuse.	04 Ready No apps, installation or other connections needed.
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Requirements: floor, tap water, heated space (minimum +5 °C) and a standard socket (16 A fuse). Delivered on a pallet.

PIN LOCK

Safe-deposit mode (default): the user sets a single-use code.

Assigned compartments: the user's code is kept in memory.

Forgotten codes are reset with the administrator's master code.

Powered by a standard coin cell. Replacement instructions included.

MAINTENANCE

Check the water level once a year, as water evaporates.

An automatic email reminder is available. See the user manual.