



batrea

Fire-protection cabinet for storing and charging lithium-ion batteries

Quick Guide

Scan to download the FULL USER MANUAL:



1. Introduction

⚠ IMPORTANT



The full user manual is available online only! You are holding only a condensed quick guide. The full, official technical documentation — including all information on installation, safety, and maintenance — is available after scanning this QR code.







Reading the full manual before starting work with the device is mandatory.

i INFORMATION


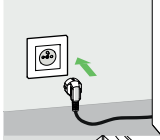
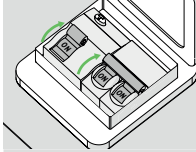




The full user manual must always be available to all personnel operating the device.

2. Key Safety Rules

Symbol/Illustration	Meaning
	Do not use naked flames or smoke near the cabinet.
	Never charge or store swollen, leaking, or damaged batteries.
	Do not store any other materials in the cabinet, especially flammable substances.
	Doors must remain closed when storing and charging batteries.
	The cabinet must be connected to a proper ventilation system. Make sure the ventilation openings are not blocked.
	Full safety rules can be found in the user manual (scan QR code on the cover).

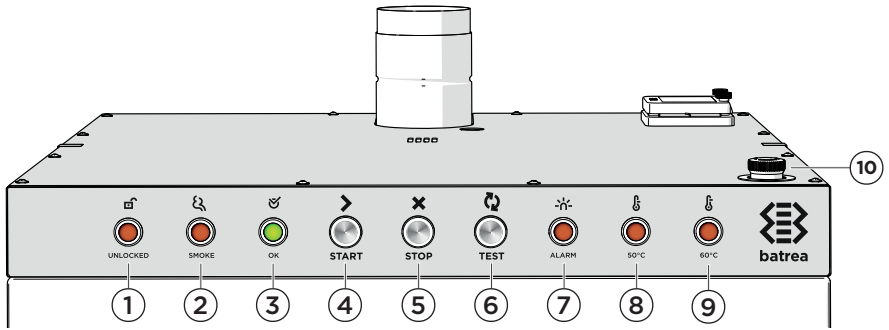
3. Initial Start-Up (Installer Checklist)

Symbol/Illustration	Meaning / Procedure
	<p>STEP 1: Verification of electrical installation</p> <p>Ensure that the power socket (230V/50Hz) is fully operational and properly grounded.</p> <p>Check if the power circuit is protected in accordance with the cabinet's technical specification.</p> <p>If in doubt, consult a certified electrician!</p>
	<p>STEP 2: Connection of power supply</p> <p>Visually check that the factory power cord (length: 4.5 m) is undamaged.</p> <p>Plug the cord into the prepared and verified socket.</p>
	<p>STEP 3: Checking of internal fuses</p> <p>Open the fuse box above the control panel.</p> <p>Make sure both internal fuses are switched to the ON position.</p>
	<p>STEP 4: Functional test of the system</p> <p>Close and lock the cabinet door. Press the  TEST button.</p> <p>The system will perform an automatic test lasting about 3 seconds.</p> <p>During the test, alarm indicators should light up and an acoustic signal will sound.</p> <p>This test checks the main safety systems.</p>
	<p>STEP 5: Readiness for operation</p> <p>If all previous steps were completed successfully, the cabinet is ready for normal use.</p> <p>You can now start charging batteries as described in section „5. How to charge the battery?”.</p>









CAUTION

If any irregularity is detected at any stage, stop the procedure, do not begin operation, and contact an authorized technical service.





4. Control panel in a nutshell



Key indicator lights



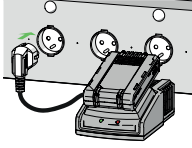

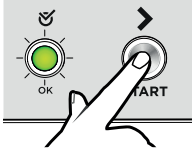

No.	Icon & Label	Indicator	Meaning
③	 OK		Normal condition Cabinet operates correctly, socket power is on.
⑧	 50°C		WARNING (Level 1) Elevated temperature. Intermittent sound signal. Carefully monitor the cabinet.
⑦	 ALARM		ALARM CRITICAL ALARM (Level 2)! Smoke or critical temperature detected. Continuous sound signal. Follow section “6. In case of ALARM!”
⑨	 60°C		
②	 SMOKE		

Main operating buttons

No.	Icon & Label	Button	Meaning
④	 START		Start of charging Activates socket power to start battery charging.
⑤	 STOP		Stop of charging Deactivates socket power to stop charging.

- ⑩ **Emergency stop**
Immediate power cut-off – use only in direct danger to life or health.

5. How to Charge the Battery

Symbol/Illustration	Meaning / Procedure
	<p>STEP 1: Inspection of the battery</p> <p>Before placing inside the cabinet, visually inspect the battery. ⚠️ Never charge a battery that is swollen, cracked, leaking, or otherwise damaged!</p>
	<p>STEP 2: Placement inside the cabinet</p> <p>Open the cabinet door. Place the battery securely on the shelf. ⚠️ Do not stack batteries on top of each other and keep proper spacing. Do not exceed the shelf load capacity.</p>
	<p>STEP 3: Connection of the charger</p> <p>Connect the battery to its dedicated charger, then plug the charger into one of the cabinet sockets. Use only functional, original chargers and cables.</p>
	<p>STEP 4: Closing of the door</p> <p>This is mandatory! Close and lock the cabinet door. The system will not start (or will interrupt) charging if the door is open.</p>
	<p>STEP 5: Start of charging</p> <p>Press the ➤ START button on the control panel. The green ✔️ OK indicator confirms that socket power is enabled and charging has started.</p>
	<p>STEP 6: Completion and monitoring of charging</p> <p>Observe the panel indicators. If any red ⚠️ ALARM, signal appears, follow the emergency procedure. To stop charging at any moment, press ✖️ STOP. Once fully charged (according to the charger or battery indicator), disconnect it from the charger.</p>

6. In Case of ALARM!

What to do when the red  ALARM light is on and a continuous sound signal is heard?

Symbol/Illustration Meaning / Procedure



STEP 1: Do not open the cabinet

⚠ Do not open the cabinet door during a critical alarm. The cabinet is designed to contain a possible internal fire. Opening the door can cause the fire to spread rapidly and create a serious hazard.



STEP 2: Assess the situation from a safe distance

Check if smoke or flames are coming from the cabinet or its surroundings. Do not approach the cabinet.



STEP 3: In case of smoke or fire — act immediately!

⚠ NOTIFY EMERGENCY SERVICES: Immediately call 112 or the internal emergency number applicable at your facility. Inform them that the incident concerns a lithium-ion battery cabinet.



⚠ ALARM OTHER PEOPLE: Activate the nearest manual fire alarm call point (ROP), if available. Loudly inform other people about the danger.



⚠ EXIT — EVACUATE: Leave the danger area and go to the designated assembly point for evacuation.



STEP 4: If there are no signs of fire

If the alarm persists but there is no smoke or fire, inform your supervisor or the person responsible for safety. Do not attempt to reset the alarm or restart the cabinet yourself.

7. Maintenance and Technical Support

Regular maintenance

To ensure reliable and safe operation throughout its entire lifetime, the cabinet must be regularly inspected and maintained.

A detailed schedule and description of all maintenance activities can be found in the full user manual (scan the QR code).



Need assistance or service?

Technical Support / Service:

email: service@batrea.com

<http://www.batrea.com>



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Inter Sicherheits Service Sp. z o.o. | tel.: +48 95 723 97 77 - 80
ul. Kobylogórska 2 | fax: +48 95 723 97 82
66-400 Gorzów Wlkp. - Poland | e-mail: biuro@iss.net.pl
iss.net.pl