

Lithium-ion battery safes

+ Certified + Tested + Internationally recognised



Batteryguard battery safes

- + ECB-S certified
 - Tested according to VDMA 24994
- + Accepted by insurers
 - Complies with the strictest safety requirements
- + Ahead of European regulations
 - A safe and future-proof investment
- + With smart ElectrIQ charging system
 - Charges even large batteries via a 230V socket





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Certified, tested and internationally recognised

With a Batteryguard battery safe, you charge your batteries without risk – day and night, in any working environment. Smart, certified and tested.

Curious about customer stories or how Batteryguard is designed and built?



 Check out the playlist!

Prevent battery fires, charge safely with Batteryguard

Do you work with lithium-ion batteries? Then you know how essential they are. They're found in e-bikes, battery tools, pallet trucks and delivery vehicles - and they keep your operation running. But you also know: if a battery gets damaged, it can catch fire.

Battery fires often happen without warning, are hard to extinguish, and spread fast. In the worst case, your entire premises can go up in flames within minutes. This brings a risk of injury, inventory loss and long-term operational downtime. Of course, you want to prevent this - and you can.

With Batteryguard, you reduce the risk of battery fires without disrupting your work process. The certified Batteryguard battery safes offer proven protection and ease of use.

Safe charging, even when you're not around

Even without supervision, you can safely charge your batteries. If a fire does occur, it stays contained inside the safe. Connect the safe to your fire alarm system, and emergency services are alerted automatically - even if no one is on site. That way, you limit damage and keep your business protected.

Did you know insurers are increasingly requiring certified battery safes like those from Batteryguard if you regularly use lithium-ion batteries?

Quick installation, easy to use

You can get started right away with Batteryguard. The battery safes are plug-and-play: no complex installation, just plug it into a regular socket - no need to modify your fuse box.



Standard with every Batteryguard VDMA 24994 battery safe

- + ECB-S certified to VDMA 24994
- + Accepted by all insurers
- + ElectrIQ smart charging system with continuous or sequential modes
- + Fire stays inside the safe - no risk to staff or surroundings
- + Prepared for smoke extraction
- + Can be connected to fire alarm system
- + Warning system for faults, incidents or open doors
- + CE-marked and compliant with relevant EU directives



Specifications

Article number	No of sockets	Power point	Type of charging system	Capacity **	Maximum power *	External dimensions *** H x W x D	Internal dimensions per level H x W x D	Weight
BATG2101-EU	2	Type F: CEE 7/16	Continuous	1.500 Wh	3,7 kW	580 x 670 x 635 mm	400 x 590 x 464 mm	160 kg
BATG2101-UK		Type G: BS plug						
BATG2201-EU	6	Type F: CEE 7/16	Continuous	4.500 Wh	3,7 kW	1500 x 670 x 635 mm	285 x 590 x 464 mm	380 kg
BATG2201-UK		Type G: BS plug						
BATG2403-EU	10	Type F: CEE 7/16	Continuous	7.500 Wh	3,7 kW	2050 x 670 x 635 mm	285 x 590 x 464 mm	530 kg
BATG2403-UK		Type G: BS plug						
BATG2402-EU	10	Type F: CEE 7/16	Sequential	7.500 Wh	3,7 kW	2050 x 670 x 635 mm	285 x 590 x 464 mm	530 kg
BATG2402-UK		Type G: BS plug						

* What is meant by maximum power?

This is the amount of energy a device can use at the same time when it is operating at full power. The maximum power also indicates whether a device is suitable for a specific electrical connection, for example 230V or 400V.

** What is meant by capacity?

This indicates the maximum amount of energy that may be present in the safe.

*** Overall dimensions exclude protruding parts such as the flue outlet. See the technical drawing on page 18.

Which model suits your situation best?

All Batteryguard battery safes provide the same reliable protection against battery fires. The difference lies in the charging system, the connection, and the amperage used.

Not sure which model you need? Use the online selection tool on our website. Just answer a few short questions to find the battery safe that suits your setup.



Start the selection tool at batteryguard.com

ElectrIQ smart charging system

batteryguard

Smart charging without risk with ElectrIQ

Storing batteries safely is important, but charging also needs to be properly organised. Especially when you charge several batteries at the same time or work with different chargers. ElectrIQ is Batteryguard's smart charging system that distributes the available power efficiently. This prevents overloading your electrical network and allows you to charge multiple batteries safely at the same time.

One smart charging system, two variants

The ElectrIQ smart charging system is available in two variants: continuous charging and sequential charging.

With **continuous charging**, the system continues charging until it detects that too much power is being requested. To prevent overload, the battery safe switches itself off. Charging stops, but your fuse box remains on. With a single press of the reset button, you restart the safe and can quickly continue.

If you choose **sequential charging**, ElectrIQ manages everything automatically. The available power is distributed intelligently across all chargers, even when you charge multiple batteries at the same time. This prevents overload and ensures that the battery safe always remains on. Charging simply continues without interruptions or worries.

electrIQ



Too many devices connected? The safe shuts down safely

Overloading happens when chargers demand more current than your power system can handle. With most systems, this leads to a blown fuse and loss of power. Not with Batteryguard. Our battery safes with continuous charging continuously monitor energy consumption. If it becomes too much, the safe shuts itself off temporarily. No damage, no outage.



Batteryguard HE L-10

continuous charging

Always charged batteries without three-phase power

Do you work with multiple batteries for e-bikes, power tools or two-way radios? The Batteryguard HE L-10 battery safe with continuous charging ensures you always have charged batteries ready to use. You can charge all your batteries at the same time, as long as the total load stays below 16 amps, all via a standard 230 V connection.

Continuous charging with ElectrIQ

The Batteryguard L-10 with continuous charging uses the ElectrIQ charging system. All 10 sockets can be used at the same time. ElectrIQ continuously monitors that the total power consumption stays below 16 amps.

- + All batteries charge simultaneously, up to a total of 16 A
- + If the load exceeds 16 A, the battery safe temporarily stops charging
- + You can safely charge day and night via a single 230 V socket



Article number	No of sockets	Power point	Type of charging system	Capacity *	Maximum power *	External dimensions * H x W x D	Internal dimensions per level H x W x D	Weight
BATG2403-EU	10	Type F: CEE 7/16	Continuous	7.500 Wh	3,7 kW	2050 x 670 x 635 mm	285 x 590 x 464 mm	530 kg
BATG2403-UK		Type G: BS plug						

** See page 8 for details.*

Batteryguard HE L-10

sequential charging

Safely charge all your batteries in a compact battery safe

Do you work with multiple batteries for e-bikes, power tools or delivery bikes? With the Batteryguard HE L-10 battery safe you can safely charge up to 10 batteries at once, using a standard 230 V connection. You do not need three-phase power and you avoid problems with power cuts or expensive changes to your electrical installation.

Worry-free charging with ElectrIQ

In the L-10 with sequential charging, the five charging levels are divided into two groups. The ElectrIQ charging system constantly monitors the power consumption and ensures that the total load remains below 16 amps. If the load in one group becomes too high, only that group is temporarily paused. The other levels continue charging as normal. As soon as the load drops again, charging in the paused group automatically restarts.

- + Five charging levels, divided into two groups with sequential charging
- + If the load is too high in one group, only that group is paused
- + The other batteries continue charging, so part of your battery stock is always being charged



Article number	No of sockets	Power point	Type of charging system	Capacity *	Maximum power *	External dimensions * H x W x D	Internal dimensions per level H x W x D	Weight
BATG2402-EU	10	Type F: CEE 7/16	Sequential	7.500 Wh	3,7 kW	2050 x 670 x 635 mm	285 x 590 x 464 mm	530 kg
BATG2402-UK		Type G: BS plug						

** See page 8 for details.*

Batteryguard HE S-6

continuous charging

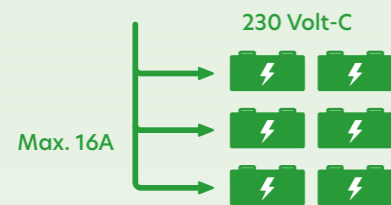
Always enough charged batteries without three-phase power

This compact battery safe allows you to charge several batteries at the same time. The ElectrIQ charging system ensures that the total load stays below 16 amps. This means you can charge safely from a standard 230 V connection, without three-phase power or changes to your electrical installation.

Continuous charging with ElectrIQ

The ElectrIQ charging system controls the charging process fully automatically. You connect the chargers, plug the safe into the socket and ElectrIQ ensures that all batteries can charge at the same time, as long as the total load remains below 16 amps. This allows you to use a single 230 V group efficiently, without having to adjust anything yourself.

- + All batteries in the safe charge simultaneously, up to a total of 16 amps
- + ElectrIQ automatically manages how the power is distributed
- + Charging can continue day and night



Article number	No of sockets	Power point	Type of charging system	Capacity *	Maximum power *	External dimensions * H x W x D	Internal dimensions per level H x W x D	Weight
BATG2201-EU	6	Type F: CEE 7/16	Continuous	4.500 Wh	3,7 kW	1500 x 670 x 635 mm	285 x 590 x 464 mm	380 kg
BATG2201-UK		Type G: BS plug						

** See page 8 for details.*

Batteryguard HE XS-2

continuous charging

Always charged batteries

Do you have one or two e-bike or power tool batteries that you charge every day? The Batteryguard XS-2 battery safe makes sure those batteries are always ready when you need them. You can charge both batteries at the same time, as long as the total load stays below 16 amps.

Continuous charging with ElectrIQ - explained

In the Batteryguard HE XS-2, both batteries charge at the same time while the ElectrIQ system monitors the total power consumption.

How it works:

- + Two batteries charge simultaneously, up to a total of 16 amps
- + ElectrIQ automatically manages the power distribution
- + Charging can continue day and night



Article number	No of sockets	Power point	Type of charging system	Capacity *	Maximum power *	External dimensions * H x W x D	Internal dimensions per level H x W x D	Weight
BATG2101-EU	2	Type F: CEE 7/16	Continuous	1.500 Wh	3,7 kW	580 x 670 x 635 mm	400 x 590 x 464 mm	160 kg
BATG2101-UK		Type G: BS plug						

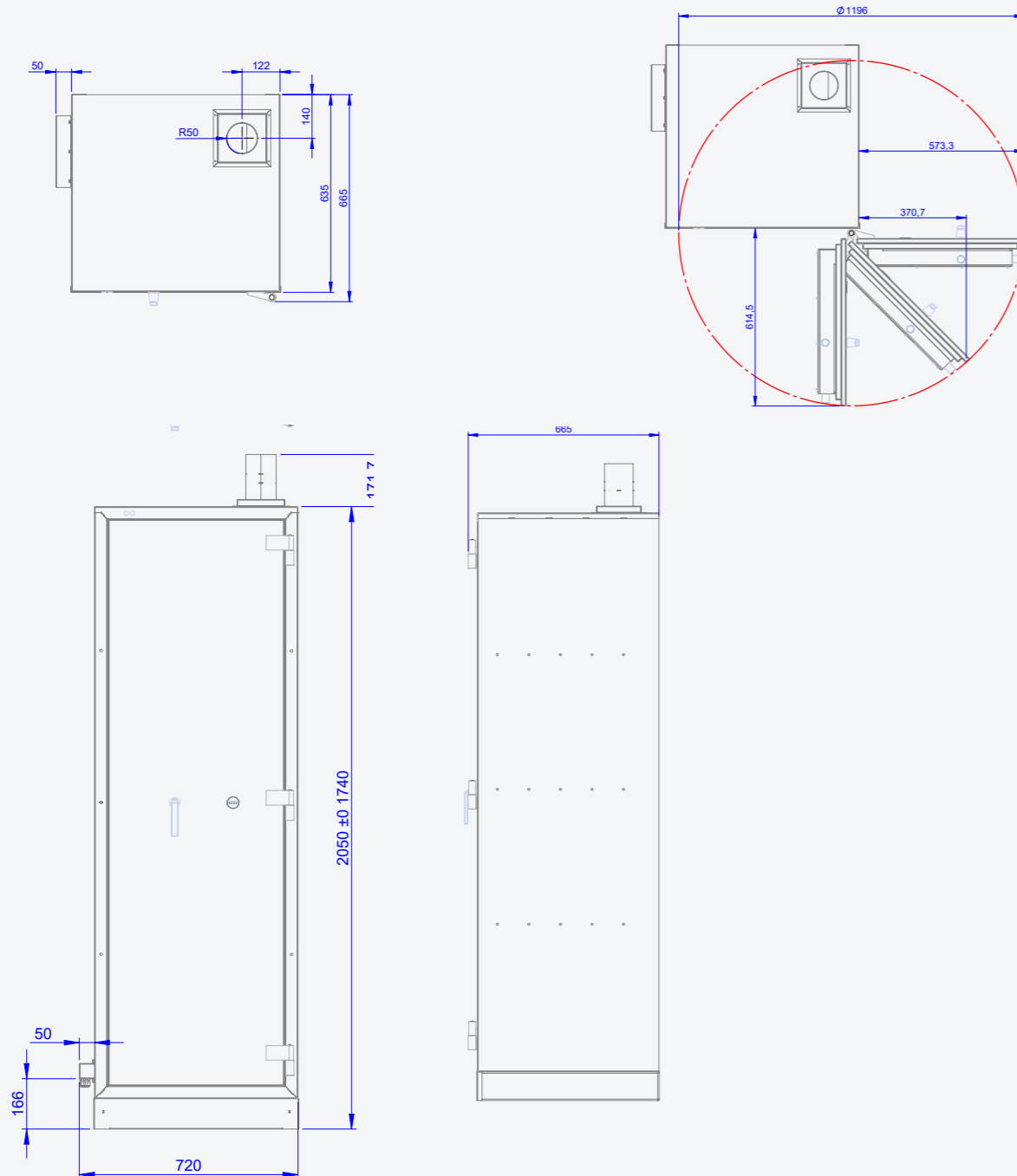
** See page 8 for details.*

Dimensions

The drawings below show the Batteryguard battery safe from all sides. This allows you to check whether the battery safe fits in the desired location and to prepare the installation properly.

You can see, among other things, the door opening and the diameter of the flue outlet. You can also see which parts protrude, along with their dimensions, such as the box for external connections. These dimensions are the same for all models.

This can determine whether the battery safe will fit through the door and can be placed in the correct position.



Tested by ECB-S

According to VDMA 24994

Working safely with lithium-ion batteries requires solutions that are truly tested. Battery safes that have been tested according to VDMA 24994 provide that assurance. To earn this certification, the battery safe must undergo a rigorous fire test at an independent, accredited testing institute under the supervision of ECB-S, the European certification body.

The safe must demonstrate that fire and explosions during a battery fire remain safely contained within. The doors must remain closed under all circumstances, and the exterior of the safe must not become dangerously hot. All measures aim to prevent a battery fire from spreading and endangering your employees, neighbours, or business.



Prepared for the future

VDMA 24994 forms the basis for upcoming European safety standards. Therefore, many insurers already require a certified battery safe if you work with lithium-ion batteries.

The Batteryguard is ECB-S certified and tested according to VDMA 24994 - and thus meets these stringent requirements, ensuring you're well-prepared.

Domino's

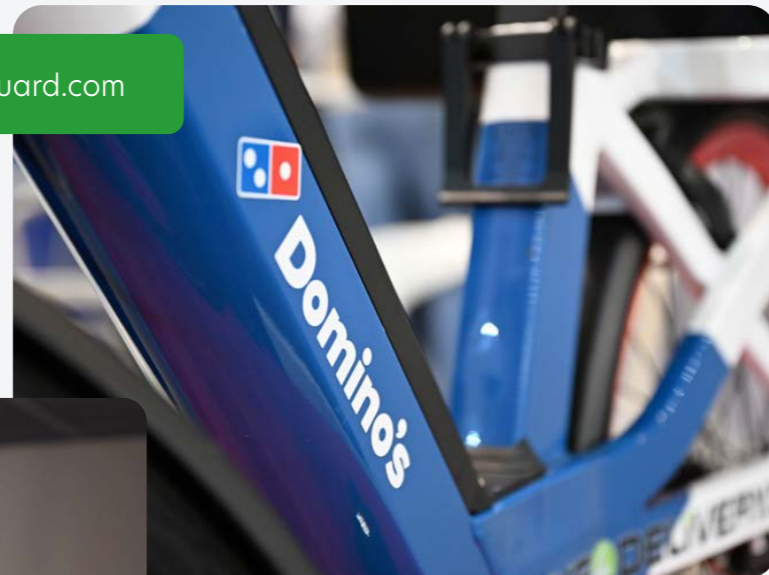
Domino's pizza couriers deliver exclusively with electric vehicles to contribute to a greener future. Previously, charging the lithium batteries of these delivery bikes and scooters was not optimally organised. They were charged wherever a socket was available.

Destruction, temporary closure, and insurance claims

One day, a battery spontaneously caught fire at the Houten branch, with severe consequences. The store was completely destroyed and had to close for nearly a year. This battery fire impacted not only the Domino's branch but also the residents of the apartments above, who had to relocate temporarily. Additionally, the insurer faced significant damage claims.

Domino's decided to pilot Batteryguard battery safes, aiming to centralise battery charging safely within a battery safe.

[Read the full story on batteryguard.com](https://batteryguard.com)



"If something goes wrong with a battery, I have full confidence in that safe."

Nico Kruijt
owner of Domino's Pizza Houten

Bike Totaal Thijs Hendriks

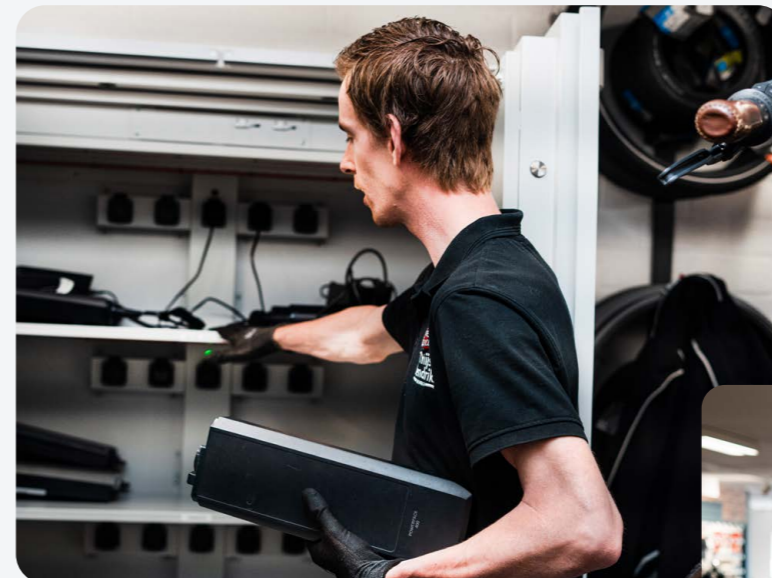
Bike Totaal is a leading Dutch retail chain specialising in the sale, service and advice of bicycles and e-bikes. Previously, employees charged batteries on the workbench, even overnight. However, a battery can become extremely hot and catch fire during charging, especially if it's internally damaged.

The danger for Bike Totaal is the uncertainty about battery conditions, as they deal with customers' bikes.

Safety for staff and family

Owner Rob Hendriks was concerned this could happen in their workshop. Therefore, he acquired a Batteryguard battery safe to protect his staff and family.

[Read the full story on batteryguard.com](https://batteryguard.com)



"I live above with my family. That's the main reason we now have a battery safe"

Rob Hendriks,
owner of Bike Totaal Thijs Hendriks

Bike rental at holiday park

Roompot is the largest provider of holiday parks in the Netherlands, with over 100 locations nationwide. Guests increasingly rent e-bikes and e-choppers.

Previously, batteries were charged outside in the bike shed near the reception. However, after learning about a severe battery fire in a holiday home at a competitor's park, Roompot was alarmed. They sought a reliable solution and found the Batteryguard battery safe.

Battery exchange procedure at sports desk adjusted

Previously, when renting an e-bike, guests received the charger in the bike bag. This convenience meant guests might take the e-bike and charger to their holiday home and charge the battery there, posing risks.

To prevent this, Roompot adjusted the rental procedure: guests now exchange empty batteries at the sports desk.

[Read the full story on batteryguard.com](https://batteryguard.com)



"You want to prevent fires for safety. Guests should have a carefree stay and feel safe."

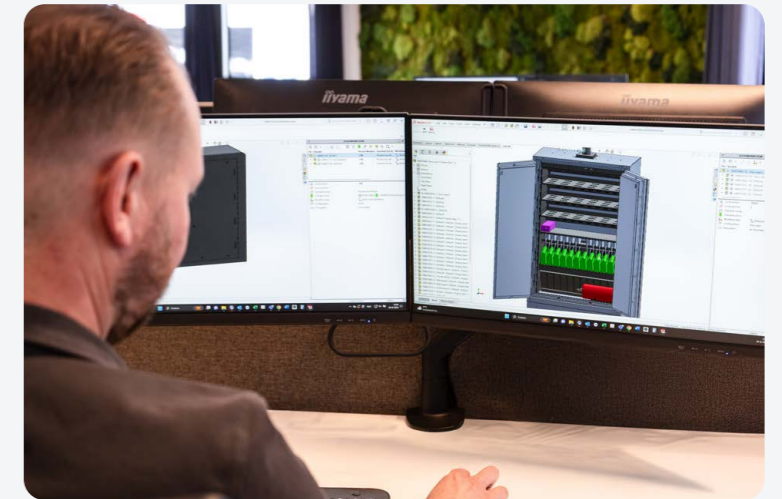
Tim Vermeulen,
Roompot employee

Batteryguard is a brand of Nauta Security Storage B.V., a family business with over 60 years of experience in designing and manufacturing high-quality fire- and burglary-resistant safes. This extensive expertise forms the foundation of our Batteryguard battery safes.

With a special fire-resistant safe construction and robust locking mechanism, our battery safes ensure that a battery fire or explosion is contained.

In-house development and production

Our battery safes are designed by our own R&D team, combining years of experience with the latest technologies to develop innovative solutions that meet the strictest safety requirements. We assemble the safes in-house, allowing us to respond flexibly to changing laws and regulations.



Collaboration and knowledge sharing

At Batteryguard, we believe safety starts with collaboration. Therefore, we actively share our knowledge and contribute to the development of future safety standards.

This is how we contributed to the foundation of VDMA 24994 and now actively participate in the working group to establish an official European standard. We work closely with insurers, the safes industry association VGW, other safe manufacturers, battery suppliers, and we are involved in various other lithium-ion working groups.

Personal advice

Every situation is different, so we're happy to assist. Whether you're looking for a single battery safe or a complete, safe charging setup for multiple batteries—we offer personal advice from start to finish. From the right choice to delivery and professional installation: we've got it covered.

Contact

Want to know more? Contact our product specialists!



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Check out
the playlist!

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