

LITHIUM ION BATTERIES

CORRECTLY STORING, CHARGING AND TRANSPORTING

**BETTER SAFE
THAN SORRY**




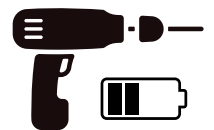
PROTECT YOURSELF AND YOUR HOME

RETRON BOX - BETTER THAN THE BEST INSURANCE

Electric mowers, vacuum cleaners, e-bikes and cordless power tools are everywhere - and what they all have in common is lithium ion batteries. But while these small cells can be a handy source of portable power they can also harbour potential hazards. Batteries that are faulty or have not been fully discharged are especially likely to cause fires and, in the worst case scenario, explosions.

A certified manufacturer of systems for dangerous goods, ESE has worked together with experts to develop a box in which lithium ion batteries can be stored, charged and transported without risk.

 Approved for the transportation of dangerous goods in accordance with 4A/X29/S/.../D/BAM 15774-OTTO2



In certain circumstances, for instance if there is a short circuit in the cells, there is a risk that the lithium ion batteries could themselves ignite. The resulting flames can reach temperatures of over 1200 °C. These flames can very rapidly cause surrounding objects to catch alight. In most cases it is then impossible to stop the fire from spreading.

If lithium ion batteries ignite explosively, fragments of the battery or casing may shoot through the air, causing considerable personal injury and damage to property.

HOW IT WORKS

The RETRON BOX makes for an ideal method of preventing fires in your home. If lithium ion batteries are stored, transported or charged inside the RETRON BOX, the risk of potential ignition spreading to the surrounding area is significantly reduced. In addition, the RETRON BOX provides protection from flying fragments of battery and casing if the battery ignites explosively.

PLEASE NOTE

The RETRON BOX is unable to prevent the spread of gases. However, poisonous/corrosive parts of the discharging gas will be partially filtered out by the RETRON cushions in the RETRON BOX. The RETRON cushions are also flame retardant and absorb any electrolyte that may leak out.

TECHNICAL DETAILS

External dimensions (mm) L x W x H: 520 x 427 x 205

Internal dimensions (mm) L x W x H: 460 x 360 x 155

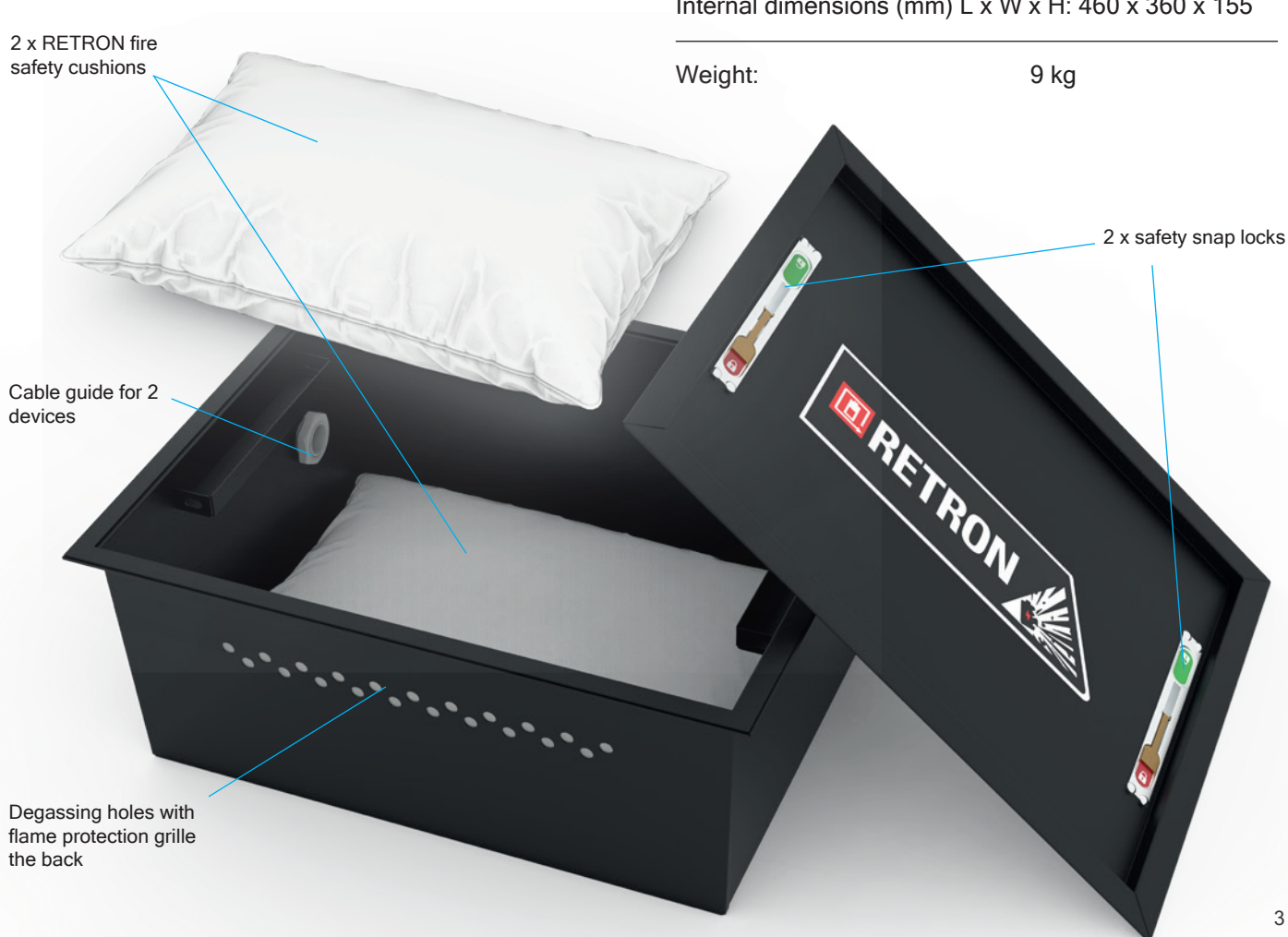
Weight: 9 kg

2 x RETRON fire safety cushions

Cable guide for 2 devices

Degassing holes with flame protection grille the back

2 x safety snap locks



ESE - WE VALUE YOUR RECYCLABLES



KERBSIDE SYSTEMS
MOBILE CONTAINERS FOR
WASTE AND RECYCLABLES



BRING SYSTEMS
(SEMI-) UNDERGROUND SYSTEMS
COLLECTION BANKS



BIO SELECT LINE
CONTAINERS AND COMPOSTERS
FOR GARDEN AND BIO WASTE



HAZARDOUS WASTE CONTAINERS
MOBILE FUEL CONTAINERS
MOBILE OIL CHANGE UNITS



PUBLIC FURNISHING
BINS FOR THE PUBLIC SPACE



CONTAINER MANAGEMENT
DISTRIBUTION, REGISTRATION,
COLLECTION AND RECYCLING

ESE is Europe's leading manufacturer of temporary storage solutions for waste and recyclables. Our comprehensive range of products is complemented by a full service offer from container management to the recycling of products at the end of their lifetime. Specialists in all departments develop solutions to meet our customers' requirements. In doing so, we follow the principle of highest possible sustainability from product development and production to transport.