

E-BIKE & LITHIUM-ION BATTERY – SAFETY PACKAGE

KMA GROUP

Risks with Lithium-Ion batteries

The green revolution is in full swing and Lithium-Ion batteries play a crucial role in it. These batteries are generally very safe, but thermal incidents cannot be ruled out. Battery fires involve extremely high temperatures and large amounts of (toxic) gases and can have disastrous consequences. Regular fire extinguishers and safety equipment are inadequate for battery fires. Therefore, KMA has developed a range of fire safety products specifically for Lithium-Ion battery fires. Take the right safety measures with this package.

Safety comes first: charge box, Lith-Ex extinguisher and battery fire blanket

This safety package has been specially formulated for e-bikes. It contains a charge box, Lith-Ex AVD extinguisher 6 Liter and medium battery fire blanket.



The manufacture and supplier reserve the right to change the design and/or specification without prior notice.

Important notice: The datasheet contains typical information specific to products manufactured at the time of its publication.

©KMA Group BV – Contents herein do not constitute a warranty.

KMA Group BV
Hermes 14
8448 CK Heerenveen
+31 (0) 515 331 344



www.kmagroupbv.com



9001:2015
info@kmagroupbv.nl



E-BIKE & LITHIUM-ION BATTERY – SAFETY PACKAGE

KMA GROUP

E-bike Safe charge box

Charge your battery safely with the E-Bike Safe! Think of the basement of an apartment complex that is full of scooters, a school full of e-bikes, a hotel where many cyclists stay and a restaurant with delivery scooters. With this box, made of 200mm XPT and CR4 Steel, you ensure that you can load safely.

Practically tested

The LI-ION Charge Box has a temperature resistance of no less than 1200°C+. Capacity tested with 100% SOC) 1.4 kWh.

Watch the test video [here](#).



The manufacture and supplier reserve the right to change the design and/or specification without prior notice.

Important notice: The datasheet contains typical information specific to products manufactured at the time of its publication.

©KMA Group BV – Contents herein do not constitute a warranty.

E-BIKE & LITHIUM-ION BATTERY – SAFETY PACKAGE

KMA GROUP

The AVD (Aqueous Vermiculite Dispersion) extinguishing agent has been specially developed for controlling and extinguishing Lithium battery fires. AVD immediately ensures efficient cooling and immediately creates a thermal block that prevents re-ignition of the lithium battery and the spread of fire to other cells. The Lith-Ex AVD 6 liter extinguisher has a government type approval for fire class A (solids).

Lith-Ex AVD fire extinguisher



The manufacture and supplier reserve the right to change the design and/or specification without prior notice.

Important notice: The datasheet contains typical information specific to products manufactured at the time of its publication.

©KMA Group BV – Contents herein do not constitute a warranty.

Capacity:	6 Litres
Agent weight:	6.6 kg
Total weight:	10.9 kg
Total height:	170mm
Total diameter:	522mm
Min. working temp.:	+5°C
Max. working temp.:	+60°C
Approx. discharge time:	120 secs
Operating pressure:	15 Bar
Extinguishing agent:	AVD
Propellant:	Nitrogen (3% He)
Viscosity [Sp3, 100rpm]:	<500cP
Fire rating:	13A
Conform EN3-7:	EN12053
	35kV dielectric test
	Bio degradable
	Non toxic

E-BIKE & LITHIUM-ION BATTERY – SAFETY PACKAGE

KMA GROUP

Fire blanket

Operating temperature up to 1000°C

Fire-resistant high-tech cloth

Fire-resistant multilayer reinforced edges

Fire-resistant yarn

Carrying loops on the corners

Carrying bag included

200 x 180cm

Manufactured in Heerenveen (The Netherlands)



The manufacture and supplier reserve the right to change the design and/or specification without prior notice.

Important notice: The datasheet contains typical information specific to products manufactured at the time of its publication.

©KMA Group BV – Contents herein do not constitute a warranty.

KMA Group BV
Hermes 14
8448 CK Heerenveen
+31 (0) 515 331 344



www.kmagroupbv.com



9001:2015
info@kmagroupbv.nl

