

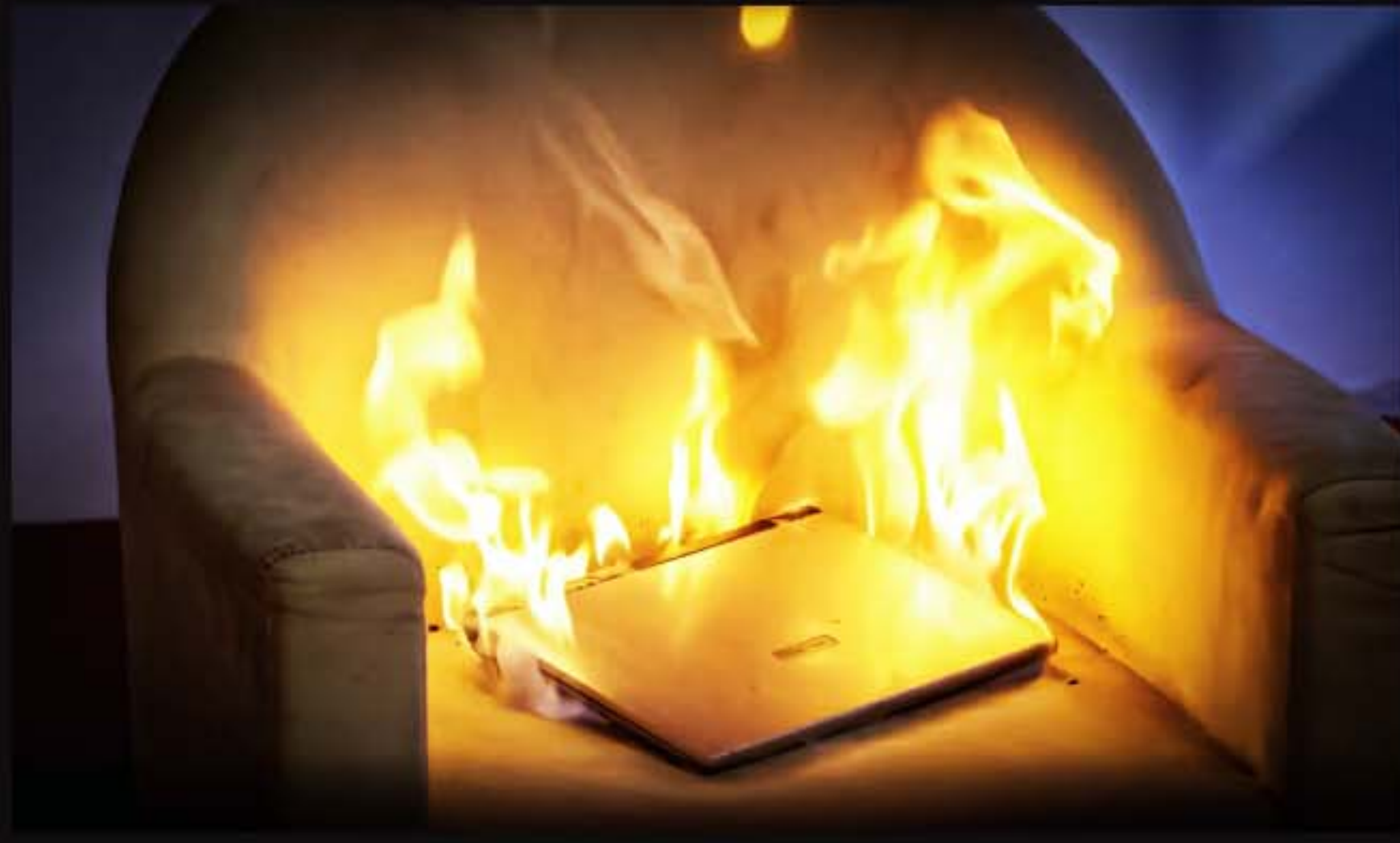


LI-ION FIRE SOLUTION

PROTECTION AGAINST LITHIUM-ION BATTERY FIRES.



LITHIUM-ION FIRE SOLUTION **CATALOGUE**



ARE YOU PREPARED FOR LITHIUM-ION BATTERY FIRES?



PROTECTION AGAINST LITHIUM-ION BATTERY FIRES.

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Recycling



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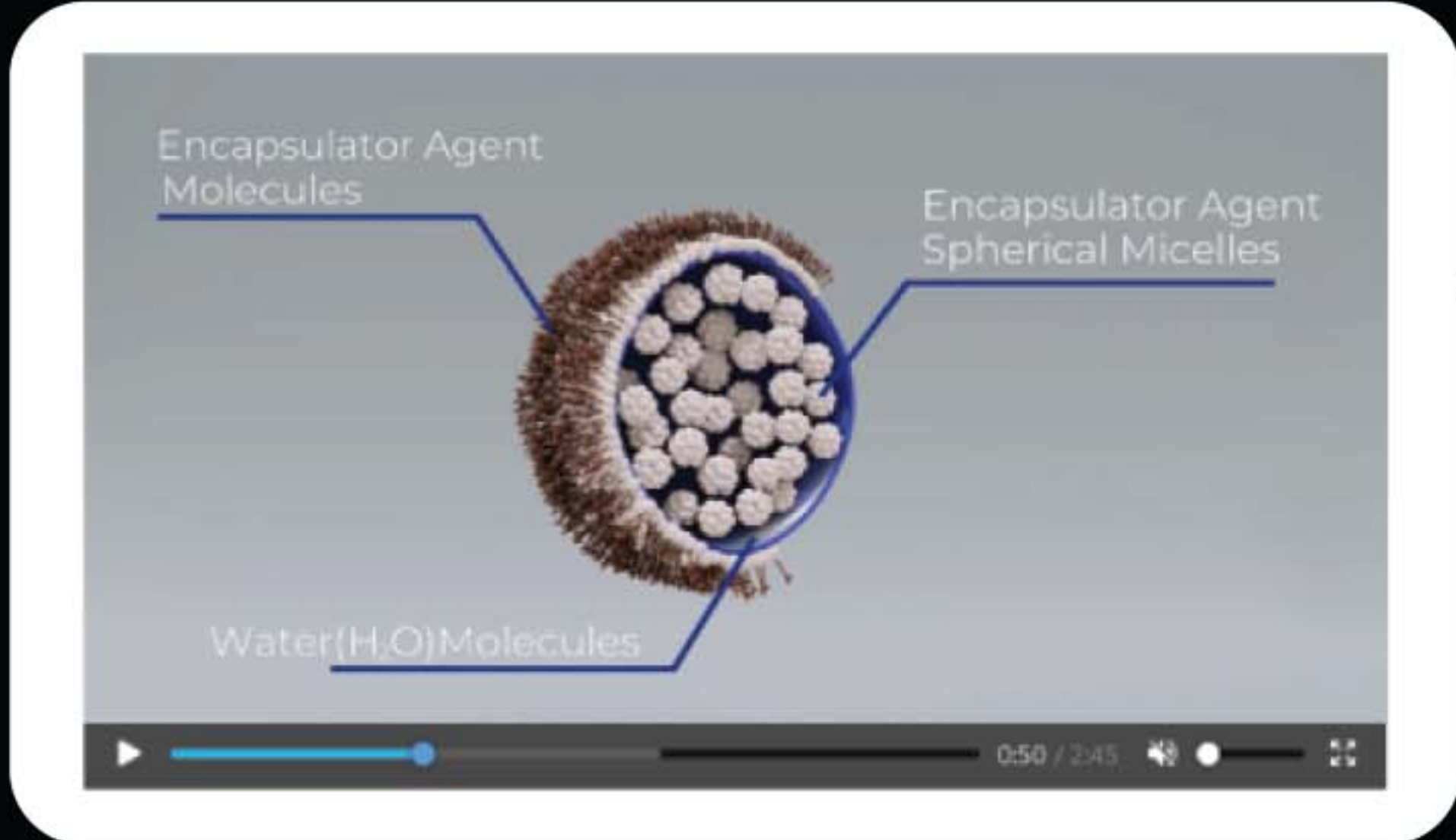


Residential

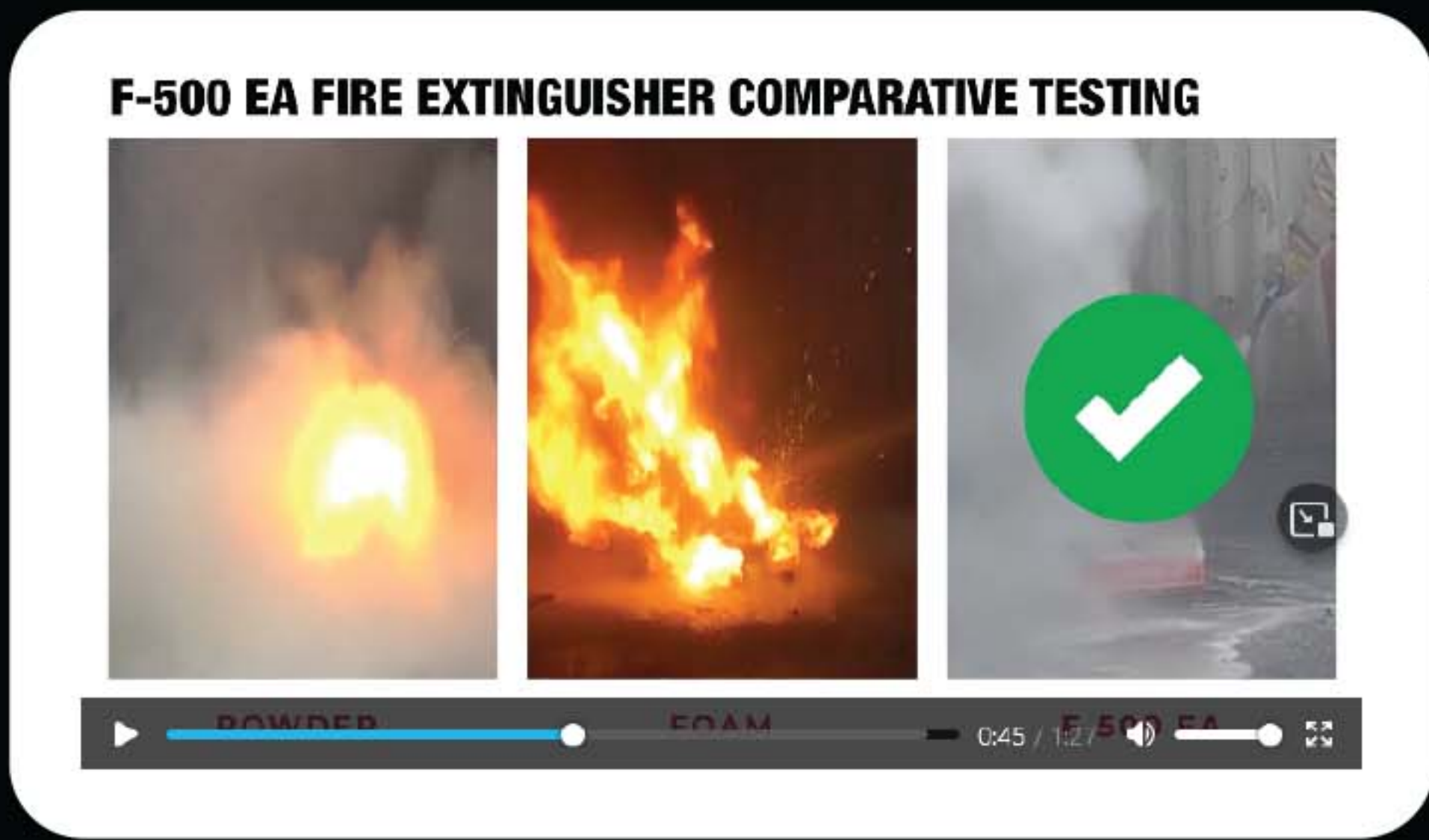
Are you prepared for a **Lithium-Ion Battery Fires?**



LITHIUM-ION BEST PRACTICES



ENCAPSULATOR AGENT - HOW IT WORKS



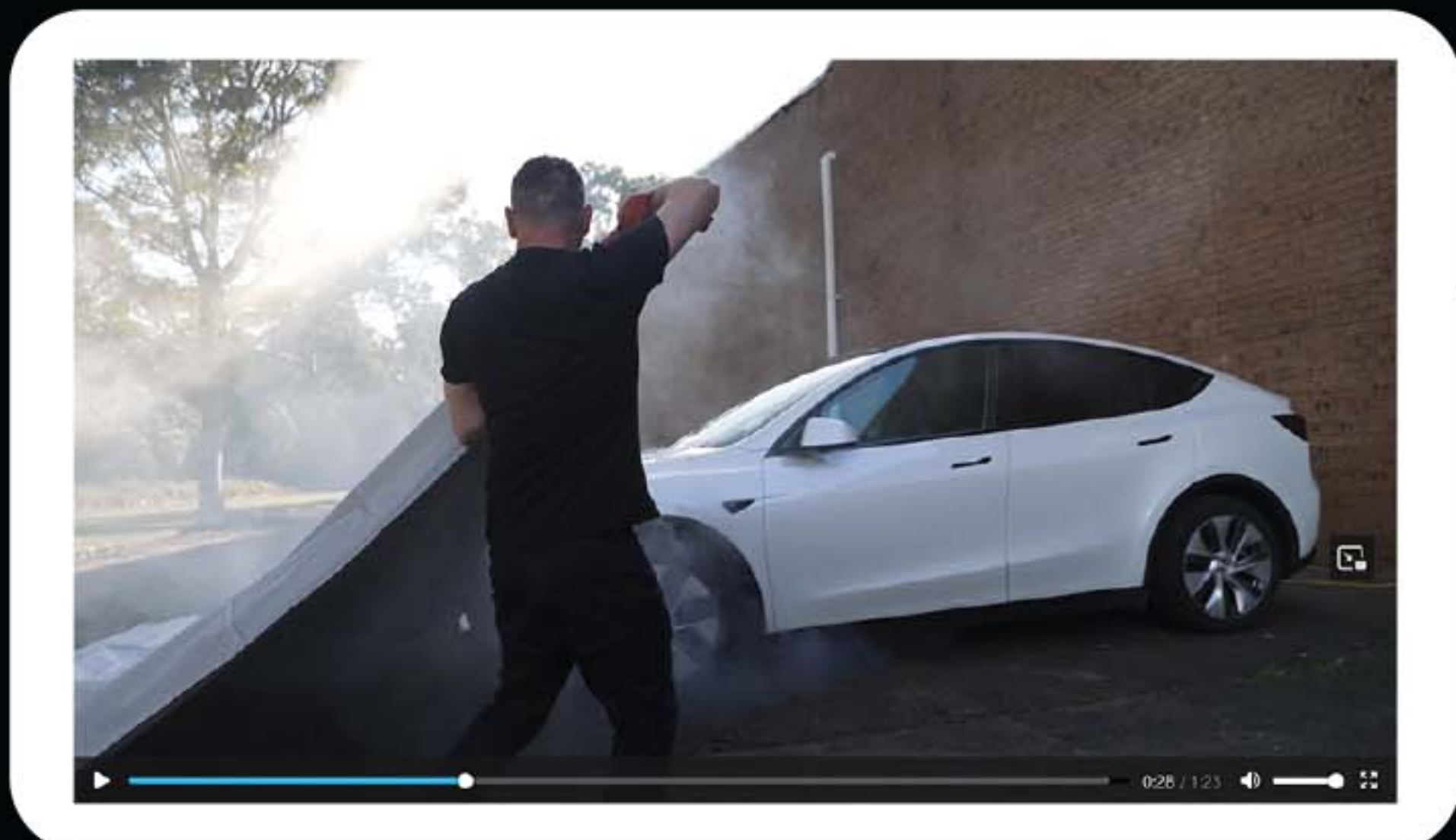
LITHIUM-ION SOLUTIONS F-500 LI-ION BATTERY FIRE TESTING



HOW THE 4L LITHIUM-ION EXTINGUISHER PERFORMS



HOW THE 9L LITHIUM-ION EXTINGUISHER PERFORMS



ELECTRIC VEHICLE FIRE BLANKET & WATER MISTING SYSTEM

Learn More...



ARE YOU PREPARED FOR LITHIUM-ION BATTERY FIRES?

PORTABLE FIRE EXTINGUISHERS



4L WATER TYPE EXTINGUISHER WITH F-500 ENCAPSULATOR AGENT

FIRE RATING	2A	MODEL NO:	FB4LF-500
SIZE	4.0 L	FULL WEIGHT	6.2 KG
CYLINDER VOLUME	4.7 L	EXTINGUISHER HEIGHT	495 MM
CYLINDER HEIGHT	410 MM	CYLINDER WIDTH	130 MM
CYLINDER FINISH	HEAVY-DUTY STAINLESS STEEL CYLINDER		
PROPELLANT	DRY NITROGEN		
AGENT	F-500 MULTI-PURPOSE ENCAPSULATOR AGENT		
OPERATING PRESSURE	10 BAR	TEST PRESSURE	25 BAR
SUITABLE FOR	 WOOD, PAPER & PLASTIC		 LI-ION BATTERY



9L WATER TYPE EXTINGUISHER WITH F-500 ENCAPSULATOR AGENT

FIRE RATING	3A	MODEL NO:	FB9LF-500
SIZE	9.0 L	FULL WEIGHT	12.2 KG
CYLINDER VOLUME	12.5 L	EXTINGUISHER HEIGHT	638 MM
CYLINDER HEIGHT	541 MM	CYLINDER WIDTH	180 MM
CYLINDER FINISH	HEAVY-DUTY STAINLESS STEEL CYLINDER		
PROPELLANT	DRY NITROGEN		
AGENT	F-500 MULTI-PURPOSE ENCAPSULATOR AGENT		
OPERATING PRESSURE	10 BAR	TEST PRESSURE	25 BAR
SUITABLE FOR	 WOOD, PAPER & PLASTIC		 LI-ION BATTERY



PORTABLE RANGE

As the uptake of li-ion battery-powered technology, vehicles, toys, power tools, solar management and so much more grows, there is a new consideration to make when storing, charging, and using these items. We strongly recommend always following the manufacturer's instructions when using such items, and never using a charger not design for the product! Li-ion batteries can become a fire hazard when exposed to high temperatures, short circuit and/or become damaged. Therefore, store your equipment in cool places where possible, never charge products in a compromised area, such as your phone under your pillow and periodically check batteries for visible damage.

Whether you are looking to add protection against lithium-ion battery fires to your home, vehicle, or workspace, our 4 Litre and 9 Litre Li-Ion Fire extinguishers are a good place to start. Rated for a Li-ion battery capacity of up to 2.4kwh for the 4L and 4.8kwh for the 9L, this option is a practical and affordable way to offer protection against lithium-ion battery fires if they occur. Being water-based, these extinguishers should not be deployed on electrically charged fires over 100V, such as an active power board or power point.



45L F-500 ENCAPSULATOR AGENT MOBILE EXTINGUISHER

FIRE RATING	10A:40B	MODEL NO:	MOB45LF-500
TOTAL HEIGHT	1120 MM	HOSE LENGTH	4 M
CYLINDER HEIGHT	900 MM	CYLINDER DIAMETER	300MM
MINIMUM WALL THICKNESS	1.8 MM	NOZZLE DIAMETER	12 MM
DISCHARGE TIME	>180 SEC	DISCHARGE DISTANCE	6 M
CYLINDER FINISH	STAINLESS STEEL		
AGENT	F-500 ENCAPSULATOR AGENT		
SUITABLE FOR	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> A WOOD, PAPER & PLASTIC </div> <div style="text-align: center;"> B FLAMMABLE & COMBUSTIBLE LIQUID </div> <div style="text-align: center;"> LI-ION BATTERY </div> </div>		



90L F-500 ENCAPSULATOR AGENT MOBILE EXTINGUISHER

FIRE RATING	10A:40B	MODEL NO:	MOB90LF-500
TOTAL HEIGHT	1140 MM	HOSE LENGTH	4 M
CYLINDER HEIGHT	900 MM	CYLINDER DIAMETER	406MM
MINIMUM WALL THICKNESS	1.8 MM	NOZZLE DIAMETER	12 MM
DISCHARGE TIME	>270 SEC	DISCHARGE DISTANCE	6 M
CYLINDER FINISH	STAINLESS STEEL		
AGENT	F-500 ENCAPSULATOR AGENT		
SUITABLE FOR	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> A WOOD, PAPER & PLASTIC </div> <div style="text-align: center;"> B FLAMMABLE & COMBUSTIBLE LIQUID </div> <div style="text-align: center;"> LI-ION BATTERY </div> </div>		

MOBILE EXTINGUISHERS

In commercial sectors across Australia, we are seeing more and more options utilising lithium-ion batteries. Lead Acid batteries have been a popular choice for forklifts and similar vehicles for a while now, but there are more and more Li-Ion powered options in the market. And for good reason; they perform consistently better than their predecessor. This example is not limited to forklifts, but an enormous array of other commercial vehicles that benefit from Li-Ion batteries.

As larger vehicles are adapting to battery power and there are more of them, so do their power requirements and therefore, battery size and their fire risk. Having an option that is large enough to combat Li-ion battery fires up to 24Kwh, and is nimble enough to be moved with ease, around a warehouse or worksite for example, is critical. Our 45L Mobile F-500EA extinguisher is up to the task of keeping you and your workforce safe in the event of a lithium-ion battery fire. Like our portable range, our 45L Mobile extinguisher uses the proven cooling, containing, and controlling formula that F-500EA is renowned for. Being a water type extinguisher, it must not be directed towards electrically charged fires, over 100V

ARE YOU PREPARED FOR LITHIUM-ION BATTERY FIRES?

FIRE BLANKETS



1.8M X 1.2M LI-ION BATTERY FIRE BLANKET TO 750°C

SPECIFICATION		MODEL NO:		LION18X12	
TEMPERATURE RESISTANCE	550 °C	SPIKE	750°C		
MATERIAL	FIBERGLASS FABRIC WITH DOUBLE-SIDED SILICONE COATING				
WATERPROOF	YES	ELECTRICAL INSULATION	YES	WEAR-RESISTANT	YES
THICKNESS	0.45MM	WEIGHT	480G/M2	CASE	PVC

APPLICATIONS:
 KITCHEN FIRES - COOKING OILS AND ANIMAL FATS
 SMALL LITHIUM-ION BATTERY FIRES — MOBILE PHONES, LAPTOPS,
 POWER TOOLS, E-SCOOTER/E-BIKE



6M X 8M ELECTRIC VEHICLE FIRE BLANKET

SPECIFICATION		MODEL NO:		EV60X80	
TEMPERATURE RESISTANCE	1400 °C	SPIKE	1700°C		
MATERIAL	HIGH-TEMPERATURE SILICA FABRIC WITH DOUBLE-SIDED SILICONE COATING				
WATERPROOF	YES	ELECTRICAL INSULATION	YES	WEAR-RESISTANT	YES
THICKNESS	0.70MM	WEIGHT	800G/M2	SIZE	6M X 8M

APPLICATIONS:
 VEHICLE FIRES, LITHIUM-ION BATTERY FIRES, FORKLIFTS, SERVICE STATIONS, CHARGING STATIONS, TOWING SERVICE, AIRPORT

PACKAGE WEATHERPROOF BACKPACK OR CABINET



5M X 5M MOBILITY FIRE BLANKET

SPECIFICATION		MODEL NO:		LION50X50	
TEMPERATURE RESISTANCE	800 °C	SPIKE	1200°C		
MATERIAL	HIGH-TEMPERATURE SILICA FABRIC WITH DOUBLE-SIDED SILICONE COATING				
WATERPROOF	YES	ELECTRICAL INSULATION	YES	WEAR-RESISTANT	YES
THICKNESS	0.70MM	WEIGHT	800G/M2	SIZE	5M X 5M

APPLICATIONS:
 LITHIUM-ION BATTERY FORK-LIFT, WALKIE STACKER, MOBILITY SCOOTERS,
 MOWERS WARESTORE BATTERIES

PACKAGE WEATHERPROOF BACKPACK OR CABINET



3M X 4M E-SCOOTER & E-BIKE FIRE BLANKET

SPECIFICATION	MODEL NO:	LION30X40
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TEMPERATURE RESISTANCE	800 °C	SPIKE	1200°C
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MATERIAL	HIGH-TEMPERATURE SILICA FABRIC WITH DOUBLE-SIDED SILICONE COATING		
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WATERPROOF	YES	ELECTRICAL INSULATION	YES	WEAR-RESISTANT	YES
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THICKNESS	0.70MM	WEIGHT	800G/M2	SIZE	3M X 4M
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**APPLICATIONS:
ELECTRIC SCOOTER AND ELECTRIC BIKE**

PACKAGE	WEATHERPROOF BACKPACK OR CABINET
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STAT-X FIRST RESPONDER KIT			
SPECIFICATION		MODEL NO:	STX-FRK
OPERATING TEMPERATURE		-29° C TO ±60° C (-20° F TO ±140° F)	
STORAGE TEMPERATURE		-40° C TO ±60° C (-40° F TO ±140° F)	
RELATIVE HUMIDITY	98%	CONTENT	2 FIRST RESPONDER UNITS, IN ONE YELLOW CASE, WITH CUSTOM FOAM.

The Stat-X First Responder® is a handheld emergency fire suppression tool (FST) designed for quick deployment in small, early-stage fires within enclosed spaces. This lightweight device, activated by a pull actuator, can be tossed into a fire, where it releases a condensed aerosol agent within seconds to immediately suppress the flames. Its rapid response capability helps contain fires before they become unmanageable, reducing the need for extensive fire department intervention and minimizing water damage and downtime.

Dimensions. One unit contains 500 grams of aerosol-forming composition and is 174.6mm tall with a diameter of 80.98mm. The single unit weight is 0.96kg

Delay time: no less than 3.5 sec

Discharge time: 20 sec

Coverage Parameters: About 20 cubic meters.(Coverage will be dependent on the specific characteristics of the situation encountered — class of fire, level of involvement, areas of potential leakage, etc.)

- **Effective Agent Performance:** Highly effective based on required density
- **Compact and Modular:** Offering adaptable design especially when space and weight are critical
- **Simple and Economic Installation:** No piping required, resulting in significant savings on parts and labor
- **Durable:** Ideal for harsh environments and remote locations
- **Long service life:** Service life of fifteen (15) years
- **Virtually Maintenance Free:** No cylinder weighing requirement or leakage risks
U.S. EPA SNAP listed for normally occupied and unoccupied spaces: Regulatory certainty. No risk of future regulations interrupting supply
- **Environmentally Friendly:** Zero potential for global warming or ozone depletion
- **Made in the USA**

ARE YOU PREPARED FOR LITHIUM-ION BATTERY FIRES?

EMERGENCY RESPONSE



LINE INDUCTOR Z2R

SPECIFICATION

MODEL NO: **AWGZ2-INDUCT**

ENSURES A FLOW RATE OF 200L/MIN WITH AVERAGE FLOW RATE



LINE INDUCTOR Z4R

SPECIFICATION

MODEL NO: **AWGZ4-INDUCT**

ENSURES A FLOW RATE OF 400L/MIN WITH AVERAGE FLOW RATE



20L F-500 ENCAPSULATOR AGENT

SPECIFICATION

MODEL NO: **20LTRF-500**

- RAPID COOLING
- ENCAPSULATES FUEL
- INTERRUPTS FREE RADICAL CHAIN REACTION
- DRASTIC CANCER-CAUSING TOXIN & SMOKE REDUCTION
- NO FLUORINATED INGREDIENTS (PFOA/PFAS)
- NO SCALDING STEAM
- SUITABLE FOR LITHIUM-ION BATTERIES



F-500 TKO NOZZLE

CAPACITY

2 LITRES

MODEL NO:

TKO-075L

FLOW RATE

75 LPM

COUPLING:

FORGED STORZ COUPLING



WOOD, PAPER & PLASTIC



FLAMMABLE & COMBUSTIBLE LIQUID



COOKING OILS & FATS



LI-ION BATTERY

EMERGENCY RESPONSE



Current responses to lithium-ion battery fires in electric vehicles, for example, are simply to flood it with as much water as possible. From reports, a well-ignited electric vehicle fire may need in excess of 30,000 gallons or 136,000 litres of water to extinguish, and even then, they typically smolder out. This is equivalent to 517 years of drinking water for the average person!

With F-500E being 6-10 times more effective than water in its cooling effect, the amount of water required to put out the same fire is significantly reduced. With F-500EA's superior performance cooling a lithium-ion battery fire, we not only see water savings, but a reduction in time required to extinguish the fire, toxic gas emission and its ability to prevent reignition by encapsulating the electrolyte material within the battery.

To help combat larger lithium-ion battery fires, such as an electric vehicle or a battery-storage fire, we have our Total KnockOut (TKO) Nozzle to do the job. We can also supply our Lithium-Ion Solution in 20L, 200L and 1000L drums.





PROTEK 38MM FEMALE COMBINATION PATTERN NOZZLE WITH 115-230-360-475 LPM FLOW RATE

SPECIFICATION	MODEL NO:	150-366E
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- BRAND: PROTEK
- BOX QUANTITY: 1
- SINGLE UNITS: YES
- MATERIAL: ALLOY & PVC
- SIZE: 38MM
- SUITS: 38MM BSP MALE ADAPTOR
- OPERATING PRESSURE: 7 BAR
- FLOW RATE: 115-230-360-475 LPM



PROTEK 38MM FEMALE SELF-EDUCTING VARIABLE PATTERN NOZZLE WITH 230-360-475 LPM FLOW RATE

SPECIFICATION	MODEL NO:	150-236AP
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- BRAND: PROTEK
- BOX QUANTITY: 1
- SINGLE UNITS: YES
- MATERIAL: ALLOY & PVC
- SIZE: 38MM
- SUITS: 38MM BSP MALE ADAPTOR
- OPERATING PRESSURE: 3.5BAR
- FLOW RATE: 230-360-475 LPM



PROTEK 888S ADJUSTABLE SELF-EDUCTING MONITOR NOZZLE COMBINATION PATTERN

SPECIFICATION	MODEL NO:	150-888-1900
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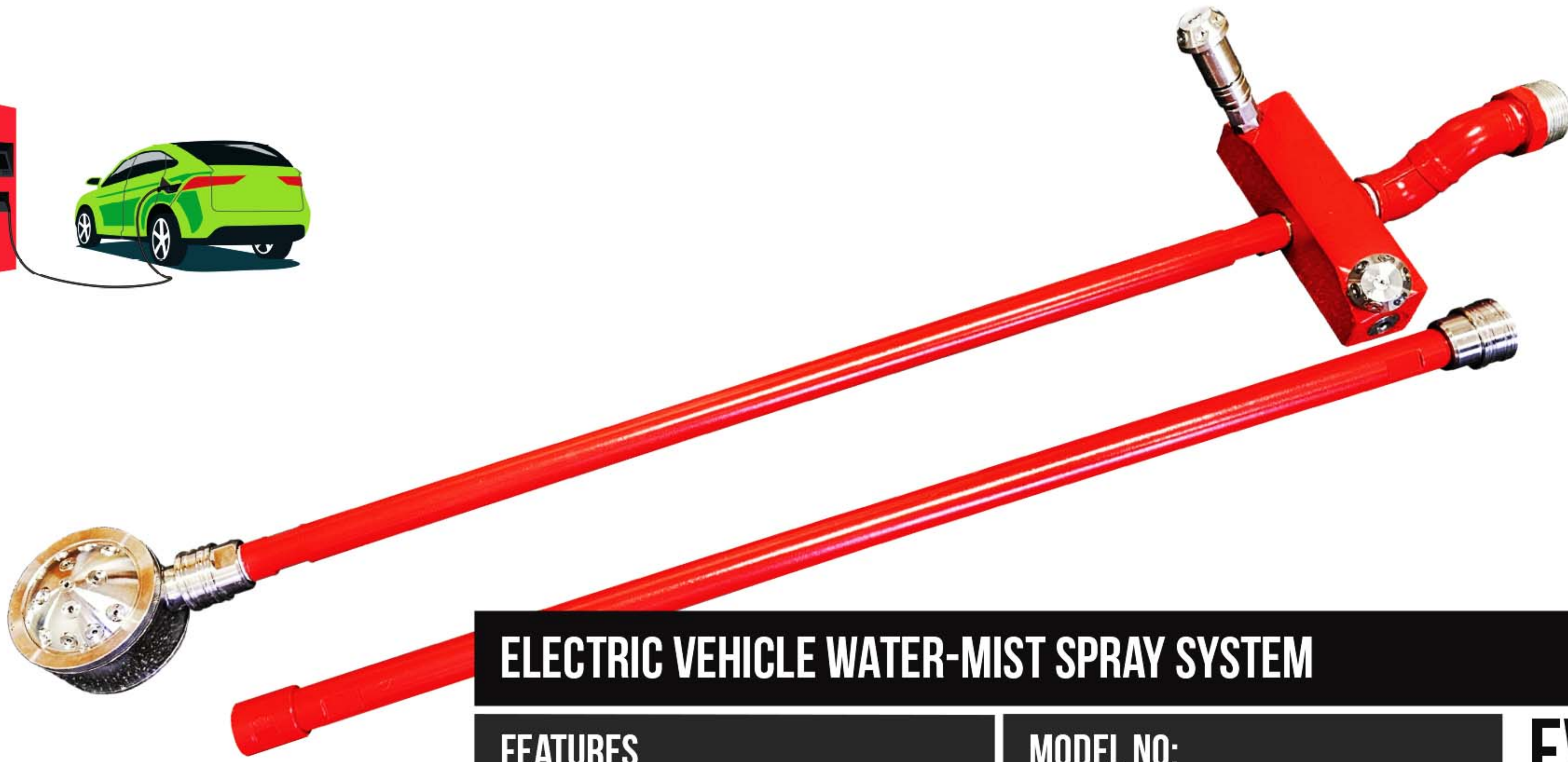
- BRAND: PROTEK
- BOX QUANTITY: 1
- SINGLE UNITS: YES
- MATERIAL: ALLOY
- SIZE: 2.5 INCH FEMALE BSP INLET
- FLOW RATE: UP TO 2900LPM



PROTEK PORTABLE GROUND MONITOR UP TO 1900LPM FLOW RATE

SPECIFICATION	MODEL NO:	150-600
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- BRAND: PROTEK
- BOX QUANTITY: 1
- SINGLE UNITS: YES
- MATERIAL: ALLOY
- SIZE: 2.5 INCH FEMALE BSP INLET, 2.5 INCH MALE BSP OUTLET
- FLOW RATE: UP TO 1900LPM



ELECTRIC VEHICLE WATER-MIST SPRAY SYSTEM

FEATURES

MODEL NO:

EVFS

- FULL VEHICLE AND BATTERY PACK COVERAGE
- FAST COOLING EFFECT
- ABSORB TOXIC GASES
- MULTI-DIRECTIONAL USE
- COMPACT DESIGN
- ROBUST AND DURABLE DESIGN
- SAFE OPERATING DISTANCE
- QUICK & EASY SET UP
- INSULATING COATING
- EASY MAINTENANCE
- F-500EA SOLUTION SUITABLE



AWG PICK-UP TUBE DN20

SPECIFICATION

MODEL NO:

AWGPICKUP-TUBE

- SYSTEM INLET: STORZ
- LENGTH [MM]: 1500
- SIZE INLET: 25
- HOSE ID: 20MM
- MATERIAL ADAPTER: ALUMINIUM

ELECTRIC VEHICLE WATER-MIST SPRAY SYSTEM



The EVFS system is a fire-fighting device specifically designed for electric vehicles. It comprises of a water mist nozzle, and an extension pipe, both made of stainless steel. The EVFS system is designed to spray water and water mist to help cool and extinguish the battery pack under the vehicle chassis.



DUAL EXTINGUISHER MOUNTING POLE

SPECIFICATION

MODEL NO:

EXT-STAND

DUAL EXTINGUISHER MOUNTING POLE WITH EXTINGUISHER AND ID SIGN MOUNTING PLATES.
(EXTINGUISHER CABINETS AND SIGNS SOLD SEPARATELY)



4L VEHICLE BRACKET WITH MOUNTING PLATE

SPECIFICATION

MODEL NO:

LI-4L-BRACKET

- HEAVY DUTY
- POWDER COATED (RED)



25MM X 30M SWING ARM TYPE FIRE HOSE REEL INDUCTION SYSTEM

SPECIFICATIONS

MODEL NO:

HR3025-INDUCTION

HEIGHT

1100MM

WIDTH

730MM

DEPTH

330MM

INCLUSION

25MM X 30M SWING ARM FIRE HOSE REEL, A HOSE REEL CABINET AND AN INDUCTION SYSTEM

SUITS

20L F-500EA AGENT OR NEWTONIAN FIREFIGHTING FOAM SOLUTION

LITHIUM-ION ACCESSORIES

Charging Li-Ion batteries in environments that are extremely volatile or incredibly sensitive to fire risks need extra care and consideration. For example, inside a workplace that is very hazardous and has the requirement of lithium-ion batteries to be used and charged.

A number of solutions exist for these unique environments, particularly when under charge in incredibly sensitive environments.

ARE YOU PREPARED FOR LITHIUM-ION BATTERY FIRES?

CABINET & ACCESSORIES



20/25L DRUM TROLLEY

SPECIFICATION

MODEL NO:

TROLLEY-DRUM20L

- HEIGHT: 1095MM
- WIDTH: 475MM
- DEPTH: 560MM
- EMPTY WEIGHT: 9.5KG
- WHEEL DIAMETER: 205MM
- WHEEL MATERIAL: POLY & RUBBER
- DRUM HOLDER SUITS: 20L & 25L STD DRUMS
- DIMENSIONS & WEIGHT ABOVE DOES NOT INCLUDE ACCESSORIES



SERVICE REFILL KIT FOR 4L F-500EA FIRE EXTINGUISHER

SPECIFICATION

MODEL NO:

4LF-500-SERVKIT

- SERVICE KIT INCLUDES: 150ML F-500EA, VALVE O-RING, CHECK STEM, DIP TUBE & INSTRUCTION MANUAL.
- SUITS ONLY: FB4LF-500 (4L LI-ION FIRE EXTINGUISHER)



SERVICE REFILL KIT FOR 9L F-500EA FIRE EXTINGUISHER

SPECIFICATION

MODEL NO:

9LF-500-SERVKIT

- SERVICE KIT INCLUDES: 300ML F-500EA, VALVE O-RING, CHECK STEM, DIP TUBE & INSTRUCTION MANUAL.
- SUITS ONLY: FB9LF-500 (9L LI-ION FIRE EXTINGUISHER)



EMERGENCY ESCAPE BREATHING DEVICE

SPECIFICATION

MODEL NO:

SMEEANYCAPE

AIR SUPPLY DURATION

>30 MINS

CYLINDER WEIGHT

0.49+0.05KG

MATERIAL

FLAME-RETARDANT, HIGH-VISIBILITY MATERIAL

CERTIFICATION

AS/NZS 1716:2012, BMP 808 069

VALIDITY

5 YEARS

APPLICATIONS

MARITIME AND OFFSHORE PLATFORMS, OIL AND GAS INDUSTRY, MINING OPERATIONS, INDUSTRIAL FACILITIES, CHEMICAL PLANTS, FIRE AND RESCUE SERVICES

WHAT IS SMEE SALIX ANYCAPE EEBD | EMERGENCY ESCAPE BREATHING DEVICE?

SMEE Salix AnyCape EEBD | Emergency Escape Breathing Device - Self-Rescuer

The SMEE Anycape EEBD is a cutting-edge safety device providing breathable air in hazardous emergencies. Compact, lightweight, and easy to deploy, it's essential for emergency preparedness. Ideal for maritime, oil and gas, and mining industries, the Anycape EEBD ensures reliable protection when it matters most.



HEAT RESISTANT GLOVES

SPECIFICATION		MODEL NO:		HTR-GLOVES	
MATERIAL	TWO LAYER COWHIDE, INSULATED ALUMINUM FOIL, FIREPROOF WIRE				
COLOUR	BROWN	SIZE	14 INCHES (ABOUT 35CM)		
WEIGHT	ABOUT 400G	TEMPERATURE RESISTANCE	500°C		



LITHIUM-ION BATTERY FIRE BLANKET LOCATION SIGN

SPECIFICATION		MODEL NO:		ID-LION-FB	
MATERIAL	UV-PROTECTED PVC				
SINGLE UNITS	YES	SIZE	225MM X 150MM		
PACKET QTY	50	CARTON QTY	500	WARRANTY	12 MONTHS



LITHIUM-ION BATTERY FIRE BLANKET LOCATION SIGN

SPECIFICATION		MODEL NO:		IDF-500	
MATERIAL	UV-PROTECTED PVC				
SINGLE UNITS	YES	SIZE	225MM X 190MM		
PACKET QTY	50	CARTON QTY	500	WARRANTY	12 MONTHS



ELECTRIC VEHICLE FIRE BLANKET LOCATION SIGN

SPECIFICATION		MODEL NO:		IDEVFB	
MATERIAL	UV-PROTECTED PVC				
SINGLE UNITS	YES	SIZE	210MM X 320MM		
PACKET QTY	50	CARTON QTY	500	WARRANTY	12 MONTHS

ARE YOU PREPARED FOR LITHIUM-ION BATTERY FIRES?

LITHIUM-ION BATTERY STORAGE CABINET



FIRE RESISTANT BATTERY STORAGE CABINET

SPECIFICATION	MODEL NO:	LI-CAB-SML
SIZE (EXTERNAL DIMENSION) L X W X H	1400MM X 1000MM X 1100MM	
SIZE (INTERNAL DIMENSION) L X W X H	800MM X 600MM X 400MM	
SUITS BATTERY SIZE L X W X H	600MM X 400MM X 250MM	
CONSTRUCTION	CABINET BODY IS MADE FROM 5MM STEEL WITH INSIDE 40MM FIREPROOF MATERIAL	
COMMON USE	BATTERY MANUFACTURER, STORAGE, CAR DEALER, RECYCLING INDUSTRY, POWER TOOL MANUFACTURER, STORAGE, MINING SITE	



FIRE RESISTANT BATTERY STORAGE CABINET

SPECIFICATION	MODEL NO:	LI-CAB-LRG
SIZE (EXTERNAL DIMENSION) L X W X H	3600MM X 2500MM X 1300MM	
SIZE (INTERNAL DIMENSION) L X W X H	2800MM X 1850MM X 600MM	
SUITS BATTERY SIZE L X W X H	2500MM X 1600MM X 400MM	
CONSTRUCTION	CABINET BODY IS MADE FROM 5MM STEEL WITH INSIDE 40MM FIREPROOF MATERIAL	
COMMON USE	BATTERY MANUFACTURER, STORAGE, CAR DEALER, RECYCLING INDUSTRY, POWER TOOL MANUFACTURER, STORAGE, MINING SITE	





FLAME DETECTION NETWORK AI CAMERA IP67 RATED			
SPECIFICATION	MODEL NO:	DH-HY FT443MF	
MAX. RESOLUTION	5MP	IMAGE	VISIBLE & THERMAL
HEAT DETECTION DISTANCE	UP TO 50M	FIELD OF VIEW	H: 85°; V: 44°
CAMERA TYPE	BULLET	TEMP. MEASUREMENT RANGE	-10°C TO +200°C
AI FUNCTION	SMOKE AND FIRE DETECTION, SMOKING DETECTION AND PERIMETER PROTECTION		



FLAME DETECTION NETWORK AI CAMERA IP67 RATED			
SPECIFICATION	MODEL NO:	DHI-HY-FT431LFP	
MAX. RESOLUTION	4MP	IMAGE	VISIBLE & THERMAL
HEAT DETECTION DISTANCE	UP TO 10M	FIELD OF VIEW	H: 85°; V: 44°
CAMERA TYPE	BULLET	TEMP. MEASUREMENT RANGE	-10°C TO +200°C
AI FUNCTION	HEAT DETECTION		



4MP THERMAL NETWORK HYBRID BULLET AI CAMERA IP67 RATED			
SPECIFICATION	MODEL NO:	DHI-TPC-BF1241-T	
MAX. RESOLUTION	4MP	IMAGE	VISIBLE & THERMAL
HEAT DETECTION DISTANCE	UP TO 60M	FIELD OF VIEW	H: 71.2°; V: 52°
CAMERA TYPE	BULLET	TEMP. MEASUREMENT RANGE	-20 °C TO +550 °C
AI FUNCTION	HEAT DETECTION, TRIPWIRE, HUMAN/VEHICLE CLASSIFICATION, SMOKING DETECTION, AND CALL DETECTION.		



4 MP THERMAL NETWORK MINI HYBRID EYEBALL AI CAMERA IP67 RATED			
SPECIFICATION	MODEL NO:	DHI-TPC-DF1241-T	
MAX. RESOLUTION	4MP	IMAGE	VISIBLE & THERMAL
HEAT DETECTION DISTANCE	UP TO 40M	FIELD OF VIEW	H: 87.8°; V: 63.8°
CAMERA TYPE	EYEBALL	TEMP. MEASUREMENT RANGE	-20 °C TO +550 °C
AI FUNCTION	HEAT DETECTION, TRIPWIRE, HUMAN/VEHICLE CLASSIFICATION, SMOKING DETECTION, AND CALL DETECTION.		

EARLY FIRE DETECTION AND INFRARED (IR) CAMERA SYSTEMS

Early detection of lithium-ion battery fires, as well as any fire, is crucial in minimizing damage and destruction. Our CCTV fire detection cameras utilize advanced imaging and infrared spectrum technology to ensure early fire detection and reliable monitoring. These cameras can detect fires within seconds and send real-time alerts, allowing for a swift response. Additionally, our CCTV fire detection cameras incorporate AI technology to enhance accuracy by up to 99% and reduce false alarms. Installing specialized fire detection cameras is recommended for early detection in high-risk areas such as battery manufacturing and storage facilities.

EARLY DETECTION THERMAL CAMERAS



5MP IR AI-FIRE SMOKE SENSING NETWORK CAMERA WITH TEMPERATURE AND HUMIDITY DETECTION, BUILT IN LITHIUM BATTERY. PHOTOELECTRIC SMOKE SENSOR WITH A COVERAGE OF 30 ~ 60 M2

SPECIFICATION	MODEL NO:	DHI-HY-SAV849HAP-ET		
MAX. RESOLUTION	4MP	IMAGE	VISIBLE & THERMAL	
HEAT DETECTION DISTANCE	UP TO 10M	FIELD OF VIEW	H: 87.8°; V: 63.8°	
CAMERA TYPE	INTEGRATED WITH SMOKE ALARM	TEMP. MEASUREMENT RANGE	-20 °C TO +550 °C	
AI FUNCTION	FLAME DETECTION			



4 CHANNELS COMPACT 1U 4POE 1HDD WIZESENSE NETWORK VIDEO RECORDER, 2TB HARD DRIVE

SPECIFICATION	MODEL NO:	NVR4104HS-P-AI/ANZ-2T		
AI FUNCTION	FACE DETECTION AND RECOGNITION, PERIMETER PROTECTION; SMD PLUS; ANPR; PEOPLE COUNTING; STEREO ANALYSIS; HEAT MAP.			



8 CHANNELS COMPACT 1U 4POE 1HDD WIZESENSE NETWORK VIDEO RECORDER, 2TB HARD DRIVE

SPECIFICATION	MODEL NO:	NVR4108HS-8P-AI/ANZ-2T		
AI FUNCTION	FACE DETECTION AND RECOGNITION, PERIMETER PROTECTION; SMD PLUS; ANPR; PEOPLE COUNTING; STEREO ANALYSIS; HEAT MAP.			



16 CHANNELS COMPACT 1U 4POE 1HDD WIZESENSE NETWORK VIDEO RECORDER, 4TB HARD DRIVE

SPECIFICATION	MODEL NO:	NVR4216-16P-AI/ANZ-4T		
AI FUNCTION	FACE DETECTION AND RECOGNITION, PERIMETER PROTECTION; SMD PLUS; ANPR; PEOPLE COUNTING; STEREO ANALYSIS; HEAT MAP.			



TEMPERATURE SENSOR (-30°C - 60°C) -APP TESTING					
SPECIFICATION		MODEL NO:		KELVIN-DOT-ST	
OPERATING TEMPERATURE		-30°C - 60°C		BATTERY LIFE	
				3 YEARS	
REPORTING INTERVAL		5 MINS (CONFIGURABLE)		RATING	
				IP44	
FEATURES		ACCURATE + DEGREES BETWEEN 0-60°C, + 1.5 DEGREES BETWEEN -30-0°C		INCLUSION	
				STRAP SLOT FOR EASY MOUNTING	
CARTON QTY		40		SINGLE UNITS	
				YES	
WARRANTY		5 YEARS			



NODE		
SPECIFICATION		MODEL NO: EMIOTNODE
<p>A NODE ENHANCES WIRELESS CAPABILITIES, ALLOWING THE GATEWAY TO EFFECTIVELY REACH YOUR TEMPERATURE DEVICES, REGARDLESS OF THEIR LOCATION. WE RECOMMEND USING TWO NODES TO ACHIEVE A STRONG SIGNAL; HOWEVER, ADDITIONAL NODES CAN BE PURCHASED FOR SEPARATE BUILDINGS OR FLOORS.</p>		



GATEWAY UP TO 2000 DEVICES - REMOTE TESTING					
SPECIFICATION			MODEL NO: GATEWAY		
BRAND	ELUMEN	CONSTRUCTION	POLY CARBONATE		
MOUNTING TYPE	RECESSED OR SURFACE MOUNTING		RATING	IP20	
POWER CONSUMPTION	12.95W	VOLTAGE	240V	SINGLE UNIT	YES
BATTERY BACK-UP	LIFE P04 LITHIUM BATTERY		WARRANTY	5 YEARS	

WHAT IS A GATEWAY

Instantly turning a site into a smart building, The Gateway is a standalone device that enables GSM connectivity from nearby EMIoT networked products to the cloud. Connect and remotely test up to 2,000 EMIoT devices. With battery backup, obtain results and real-time building info - even during a power outage!

LITHIUM-ION BATTERY FIRE

Suggested Use	Estimated Capacity	Recommended Products
<p>SMARTPHONE BATTERY</p>	1.5Wh - 3.0Wh	FB4LF-500 & LION18X12
<p>TABLET</p>	15.39Wh - 31.23Wh	FB4LF-500 & LION18X12
<p>LAPTOP BATTERY</p>	28.8Wh - 86.4Wh	FB4LF-500 & LION18X12
<p>CORDLESS POWER TOOLS</p>	24Wh - 104Wh	FB4LF-500 & LION18X12
<p>JET SKI</p>	680Wh	FB9LF-500 & LION30X40
<p>ELECTRIC BIKE / SCOOTER</p>	360Wh - 480Wh	FB9LF-500 & LION30X40
<p>CARAVAN / MOTORHOME</p>	1.2kWh - 3.36kWh	FB9LF-500 & LION18X12
<p>TRAILER BOAT</p>	1.44kWh - 3.36kWh	FB9LF-500 or MOB45LF-500 & LION50X50
<p>HYBRID CAR</p>	1.3kWh - 1.6kWh	MOB45LF-500 & EVFS & EV60X80
<p>ELECTRIC FORKLIFT</p>	3.6kWh - 15.36kWh	FB9LF-500 or MOB45LF-500 & LION50X50
<p>WALKIE STACKER</p>	2.4kWh - 8.64kWh	FB9LF-500 or MOB45LF-500 & LION50X50
<p>ELECTRIC CAR</p>	38.3kWh - 100kWh	EVFS or TKO-075L & EV60X80
<p>SOLAR PANEL BATTERY</p>	2.5kWh - 15kWh	FB9LF-500 or MOB45LF-500
<p>LUXURY BOAT</p>	13kWh - 48kWh	MOB90LF-500 or TKO-075L



This extinguisher is not suitable to be used on electrical fires.





WWW.LITHIUM-IONFIREPROTECTION.COM.AU

