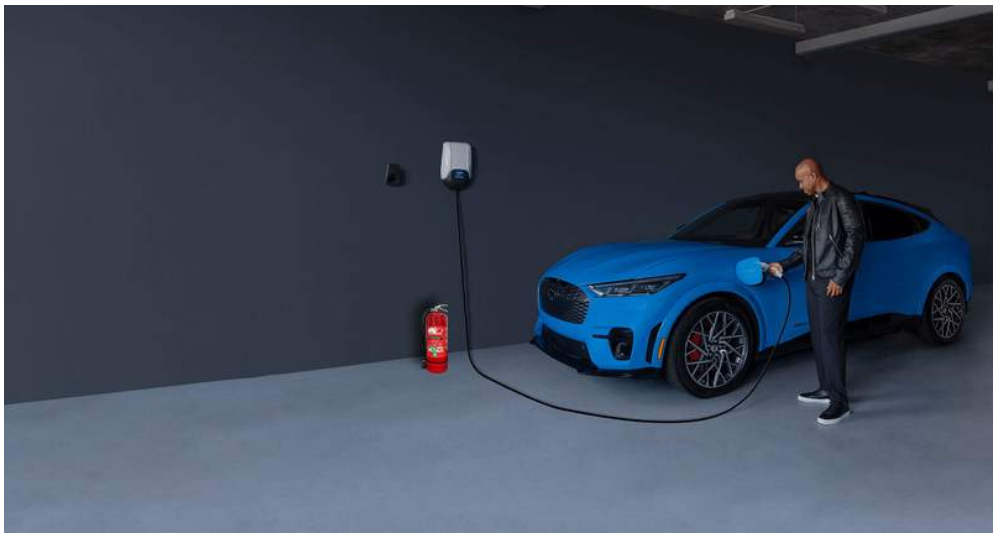
INTRODUCING F-500EA EXTINGUISHER

APPROVED PROTECTION AGAINST LITHIUM-ION BATTERY FIRES

Extra Protection now available!



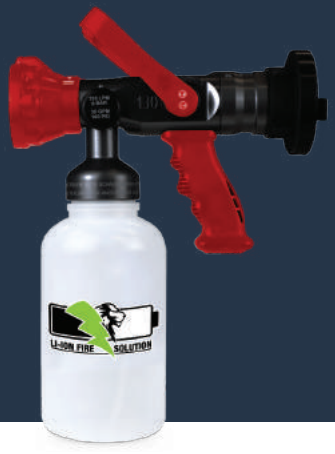
COOLS AND CONTROLS

The F-500EA solution, when mixed with water, works by encapsulating a water-droplet and enhancing its natural cooling efect.
When directed at a lithium-ion battery fire it also provides a blanket to drastically reduce toxic smoke emissions.

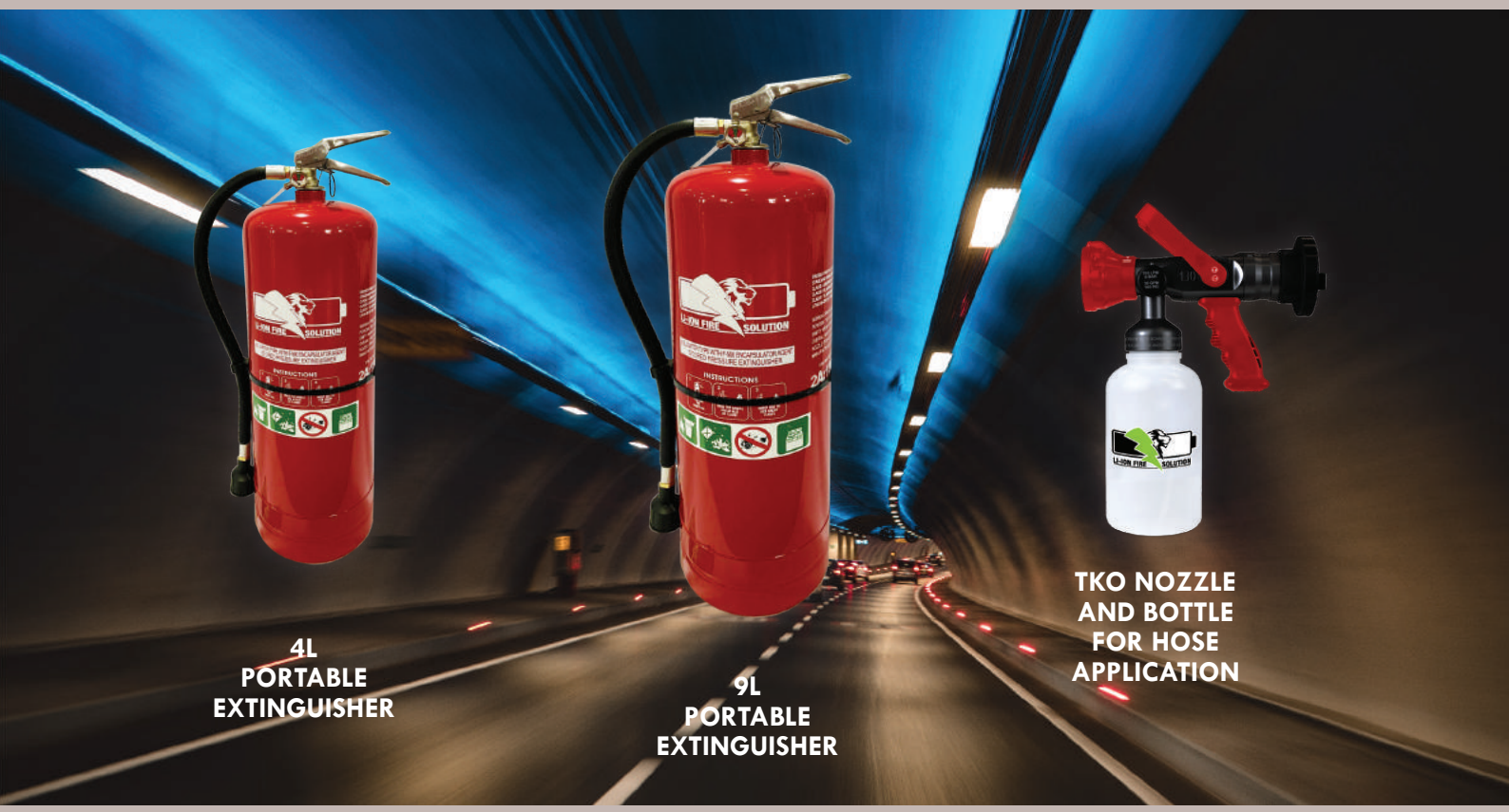
STAY INFORMED

Due to the rising popularity of Li-ion batteries, it's crucial that businesses and employees who commonly use products and devices powered by lithium-ion batteries understand the associated safety hazards as well as basic handling and storage guidelines to avoid workplace fires and injuries.

- *4L & 9L Extinguisher*
- *Water Based*
- *Fluorine-Free*
- *Bio-degradable*



MEET THE F-500EA RANGE



Feature 1 Encapsulation

1

F-500 EA encapsulates the flammable electrolytes, rendering them non-flammable.

Encapsulator Technology doesn't simply put a bandage on the issue at hand. By removing the flammability of the electrolyte and encapsulating the fuel, F-500 EA drastically reduces the risk of reignation.

Feature 2 Rapid Cooling

2

F-500 EA droplets rapid reduce heat.

Independent testing has shown that F-500 EA rapidly reduces temperature, effectively stopping thermal runaway. This is crucial during lithium-ion fires as every second counts. Each second lost could translate into more and more neighboring cells rupturing, causing multiple explosions and putting lives on the line.

Feature 2 Toxin Reduction

3

F-500 reduces toxins, including hydrogen fluoride.

This is especially important for lithium-ion fires as the battery's vapors can be life threatening. When lithium-ion batteries burn, they emit toxic fluoride gasses. Testing shows that when F-500 EA is used, these gasses are drastically reduced.

How effective is F-500 EA on li-ion fires?

Rapid Cooling
F-500 EA rapidly reduces temperatures, stopping thermal runaway.

Encapsulates Electrolytes
F-500 EA reduces possibility of reignition.

Reduces Toxins
F-500 EA inhibits the production toxic gasses.

Encapsulates Electrolytes
F-500 EA is powerful and fast. Use less water and product.

F-500 Extinguisher suitable for lithium-ion battery fires

This new LI-ion Fire Solution extinguisher, Certified to Australian Standards and Available in both 4L & 9L portable and wheeled type fire extinguishers. This LI-ion Fire Solution is Fluorine Free, rated for Class A, B and F fires, suitable for use on Lithium-Ion batteries fires, and performs extraordinarily well on combustible materials that output extremely high temperatures.

The LI-ion Fire Solution extinguisher is a water type fire extinguisher with the F-500 Encapsulator agent. This Extinguisher has been manufactured and approved to Australian Standard AS/NZS1841.2 and tested as per the requirement of AS1850 for class A, B and F fires. Extensive testing has been performed, and this cooling agent, performs exceptionally well against lithium-Ion Battery Fires. The 4L LI-ion Fire Solution Extinguisher has been tested on a 2.4kWh Li-ion battery fire. The 9L Lithium-Ion Fire Extinguisher has been tested on a 4.8KWh Lithium-Ion battery fire.

Lithium-Ion batteries are widely used in electronic devices, including Tablets, Mobile Phones, Laptops, Power tools, Electric/Hybrid vehicles, Caravans/Motor-homes, Marine vessels, Emergency Lights, Recharge Stations, Public Transports, Mining vehicles and Solar system batteries, etc.

Lithium-ion batteries are extremely sensitive to high temperatures and can become inherently flammable. Overcharged, overheated, short circuited and damaged Li-ion batteries have the potential to catch fire or explosion, and might cause widespread damage.

We encourage you to discuss your individual fire needs with your Fire Service provider to ensure that you are covered for all Fire-types not just Lithium-Ion Battery Fires.

This Extinguisher is not for used on 100V AC or higher voltage Electrical Fires.

How does F-500EA (Lithium-Ion Fire Solution) work differently from an ABE/DCP Extinguisher on Lithium-Ion Battery Fires? Lithium-ion batteries burn at an extremely high temperature. The key to stopping a Lithium-ion battery fire is to quickly remove the heat and stop the reaction of the electrode material with other components of the battery. F-500 Encapsulator Agent provides a perfect solution for both scenarios.