

## LITH-EX FIRE EXTINGUISHERS AND LITH-EX WHEELED FIRE EXTINGUISHERS

Lithium-ion battery fires may result from physical damage that causes a short circuit, overcharging or by increased external temperature for products containing lithium-ion batteries.

Lith-ex FLE fire extinguishers and wheeled fire extinguishers contain a revolutionary fire extinguishing agent that offers effective lithium-ion protection to a wide range of sectors including:

- Transportation (aviation and automotive), energy storage, waste & recycling, motor sport, shipping, logistics, marine, domestic and industrial.

Lith-ex fire extinguishers are:

- Designed for use on lithium-ion battery fires such as mobile phones, laptops, tablets, toys, power tools, electric scooters and e-bikes
- BSI Kitemarked to EN 3 and MED approved (models FLE2, FLE6 and FLE9)
- MED approved (models FLE25 and FLE50)
- Can extinguish lithium-ion battery fires
- Quickly cools and prevents excessive heat, forming a thermal barrier to stop heat propagation
- Non-toxic
- Environmentally friendly
- 5-year warranty

Lith-ex fire extinguishers and wheeled fire extinguishers contain a non-flammable, fire-fighting solution known as AVD Aqueous Vermiculite Dispersion (17%) and water (83%) which is applied as a mist to knock down the flames and cool. AVD forms a film over the cells acting as a thermal barrier, any oxygen barriers and an electrical barrier to extinguish the fire.



## LITH-EX FIRE EXTINGUISHERS



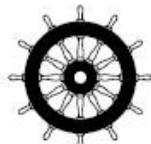
	TITANFLE500	TITANFLE1	TITANFLE2	TITANFLE6	TITANFLE9
Capacity	500ml	1ltr	2ltr	6ltr	9ltr
Fire rating	N/A	3A	5A	13A	13A
Battery Capability Suitability (Wh) (guide only)	Less than 60	60-100	100-250	250-500	500-750
BSI Kitemarked	N/A	N/A	✓	✓	✓
MED approval	N/A	N/A	✓	✓	✓
Throw range (m)	Up to 2	1.5-2.0	1.5-2.0	1.5-2.0	1.5-2.0
Discharge time (sec)	Up to 90	25	50	120	180
Working pressure (bar)	10.8	15	15	15	15
Temperature range	+5°C-+50°C	+5°C-+60°C	+5°C-+60°C	+5°C-+60°C	+5°C-+60°C
Product height (mm)	300	350	410	530	672
Product diameter (mm)	Canister 65 Inc. handle 95	85	110	170	170
Filled weight (kg)	0.69	2.1	3.9	10.7	15.0

## LITH-EX WHEELED FIRE EXTINGUISHERS



Colour-coded signage also available:

- TITANPP50X
- Lith-ex portrait ID sign 80 x 200mm
- TITANPP50Y
- Lith-ex landscape ID sign 100 x 150mm



0029



	TITANFLE25	TITANFLE50
Capacity	25ltr	50ltr
Battery Capability Suitability (Wh) (guide only)	Over 750 Wh	Over 750 Wh
CE approved	✓	✓
MED approval	✓	✓
Throw range (m)	5	5
Discharge time (minutes)	8	14
Working pressure (bar)	8	8
Temperature range	+5°C-+60°C	+5°C-+60°C
Product height (mm)	Approx. 970	Approx. 1090
Product width (mm)	558	558
Product diameter (mm)	350	350
Hose length (m)	5	5
Filled weight (kg)	55	100
Propellant	Nitrogen	Nitrogen