

BATTERY STORAGE SAFES

WHERE PEACE OF MIND IS GUARANTEED

BATTERY STORAGE SAFES
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FirePro UK are proud to partner with The UK's leading specialist fire safe manufacturer to offer a broad range of secure storage and charging solutions for lithium-ion batteries, to reduce risks of thermal runaway, fire, and explosion while helping to protect people, property, and equipment in domestic and commercial environments. Our range of safe products are fully configurable and are shipping worldwide.

Lithium-ion batteries power the modern world — but they also introduce a rapidly growing fire risk that businesses can no longer take for granted.

FirePro UK now ships worldwide, certified, purpose-built, custom configurable storage and protection solutions that give organisations complete confidence when handling, charging, or storing lithium-ion batteries. Our systems are engineered to contain, control, and minimise the impact of a battery fire, helping you safeguard your people, property, and critical equipment while demonstrating a proactive commitment to safety and compliance.

Each safe is independently tested to recognised standards, including EN 14470-1 for fire-resistant storage cabinets and EN 1363-1 for fire resistance testing, providing the technical assurance and transparency that procurement teams rely on when selecting compliant safety solutions.

As the risk increases, so does the need for robust protection. FirePro UK provides the reassurance your business deserves.

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SYMBOLS KEY

- KEY LOCK
- ELECTRONIC LOCK
- FINGERPRINT LOCK
- FIRE PROTECTION
- 2 YEAR GUARANTEE
- DROP TESTED
- ALARM
- ADDITIONAL LOCK OPTIONS
- INSURANCE RATINGS



BATTERY STORAGE SAFES
LOCKING / EXTRAS INFORMATION



KEY LOCKING Easy to use high quality key lock with up to 2,000 combination differs.

- 2 keys supplied with each key lock
- Mastered Key Lock available FOC at point of order
- Master Key available (sold separately)



ELECTRONIC LOCKING Advanced high security electronic lock is programmable with users own code which can easily be changed when required.

- 12 button keypad
- Clear LED display
- Dual control, hidden code and scrambled code that can be programmed as standard
- The lock can further be upgraded to incorporate multiple user audit trail so that user's usage can be monitored.



FINGERPRINT LOCKING Advanced high security touchscreen keypad and fingerprint lock.

- 12 button keypad
- Clear LED display
- Battery Indicator and internal alarm
- Multi user codes, dual mode, hidden code and scrambled code that can be programmed as standard
- Supports up to 32 fingerprints.

OPTIONAL EXTRAS

PRODUCT	DESCRIPTION	PRODUCT CODE
BS1280 SERIES - BATTERY TITAN SAFES	BS1282 SHELF	SP1282/SHELF
	BS1283 SHELF	SP1283/SHELF
	INTERNAL LED LIGHT (BS1280E SERIES ONLY)	SP1280/LEDPANEL
	CUT KEY – HIGH SECURITY PIN TIMBER (DIMPLE) (BS1280K)	SP1280/CUTKEY
	KEY BLANK – HIGH SECURITY PIN TUMBER DIMPLE BLANK (MINIMUM ORDER QTY 5)	SPDIMPLEKEYBLANK
BS0440 SERIES - BATTERY FIGHTER SAFES	BS0441/BS0442 SHELF	SP0441/SHELF
	BS0444 SHELF	SP0443/SHELF
	DRAWER CUT KEY – PIN TUMBLER	SP1900/DRAWERKEY
	CUT KEY – HIGH SECURITY PIN TUMBLER (DIMPLE) (BS0440K)	SPDIMPLEKEYNUMBR
	KEY BLANK – HIGH SECURITY PIN TUMBER DIMPLE BLANK (MINIMUM ORDER QTY 5)	SPDIMPLEKEYBLANK
	DUAL CONTROL (KEYLOCK AND ELECTRONIC LOCK)	SPDIPR3/FIT
BS1940 SERIES - BATTERY COMMANDER PRO SAFES	BATTERY SHELF - BS1942/1943/1944/1945	SP1942/SHELF
	BATTERY SHELF - BS1946	SP1946/SHELF
	PDU WITH 4 (UK) SOCKETS	SPUKPDU4
	AUTOMATIC FIRE EXTINGUISHER KIT (3 X FPC-5 & FP20T) - BS1943	SP1943/FIREEXT
	AUTOMATIC FIRE EXTINGUISHER KIT (5 X FPC-5 & FP20T) - BS1945	SP1945/FIREEXT
	AUTOMATIC FIRE EXTINGUISHER KIT (5 X FPC-5 & FP40T) - BS1946	SP1946/FIREEXT
	APP BASED SAFE MONITOR FOR HEAT AND HUMIDITY	SPSAFEMONITOR





WHY USE PHOENIX
BATTERY STORAGE SAFES

Lithium-ion batteries power a wide array of products, from electronics and toys to handheld tools, appliances, electric vehicles, and energy storage systems.

The soaring demand for Lithium-ion batteries is primarily driven by their exceptional 'energy density.' This term refers to the amount of energy stored in a given space. Compared to other battery types, lithium batteries are smaller and lighter while holding the same energy capacity. This compact design has spurred a rapid rise in the adoption of portable and cordless products among consumers.

UNLOCK THE POWER OF SAFE LITHIUM-ION BATTERY USAGE

In an age driven by the convenience and reliability of lithium-ion batteries, it's vital to recognise and address the potential risks associated with their usage. Lithium-ion batteries, hailed for their efficiency and durability, harbor a significant risk if handled improperly. Accidental drops or damage can trigger internal issues, paving the way for potential fires or explosions, particularly during the charging phase.

DELVING INTO BATTERY FIRE THREATS

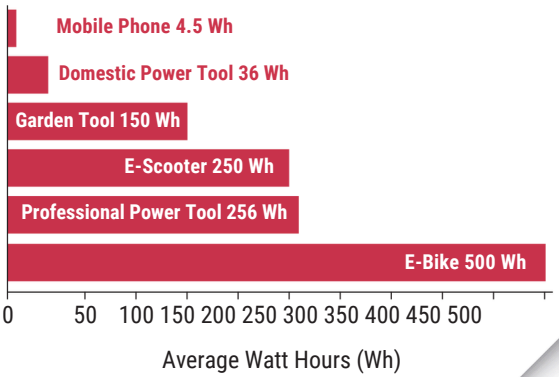
The spectre of a battery fire looms large, characterised by an intense and relentless combustion within the lithium-ion cell. These fires prove daunting to extinguish, fuelled by the fierce heat generated from chemical reactions within the battery. The rapid escalation of flames poses dangerous risks, compounded by the emission of harmful smoke and gases, sometimes escalating into explosions, especially during charging cycles.

Although lithium-ion batteries boast inherent safety features, lapses in handling or unfortunate accidents can escalate cell damage, heightening the fire risk. Strategic measures to avert such incidents encompass proper storage techniques, shielding from direct sunlight while charging, and adhering strictly to compatible charging protocols.

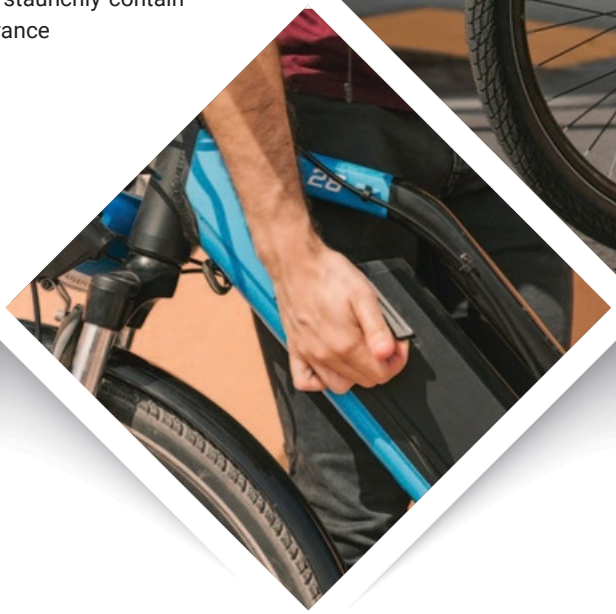
PROACTIVE STRATEGIES IN MOTION

Across Europe, regulatory bodies are mulling over stringent regulations concerning the storage of lithium-ion batteries to combat these inherent risks. Enter the Battery Safe – a stalwart defender compliant with European directives, designed to staunchly contain any potential fire outbreak, ensuring peace of mind and safety reassurance

AVERAGE BATTERY CAPACITY









ELEVATING SAFETY WITH PHOENIX BATTERY SAFES

Should a battery fire occur, our battery safes, built with robust fire, impact and security certifications, are designed to effectively contain and mitigate any potential damage to the surrounding environment.

Embrace the future of lithium-ion battery management with confidence, knowing that the Phoenix Battery Safes solutions stand out as steadfast guardians against unforeseen hazards, preserving both property and lives.

BS1280 SERIES
BATTERY TITAN



BS1281K



BS1283E



BS1282F

Discover THE BATTERY TITAN SERIES, expertly crafted to cater to both household and business needs, ensuring secure storage and efficient charging of Lithium-Ion batteries. Rechargeable batteries come with inherent risks, such as thermal runaway caused by temperature spikes, impact mishaps, or manufacturing defects. This jeopardises safety, potentially leading to battery fires that are hard to extinguish, posing severe threats to life and property.

Opt for the Battery Titan Series for unparalleled peace of mind, boasting a sturdy double-wall design that is fire, impact, and security certified. Choose from three different sizes featuring either key or electronic locking systems, integrated smoke detectors, and built-in power outlets.

Our safes are engineered for easy concrete floor anchoring, equipped with convenient key hooks and pull-out drawers for storage. Plus, find added flexibility with a height-adjustable shelf included in the larger models.

FEATURES

- Safe battery storage & charging
- Fire and security protection
- Robust steel construction
- Key or electronic locking
- Pull-out drawer and key hooks with shelf on BS1282/3 models
- Smoke detector & alarm

MODEL NUMBER	LOCKING OPTIONS	MAX. BATTERY CAPACITY	EXTERNAL DIMENSIONS H x W x D	INTERNAL DIMENSIONS H x W x D	DOOR SWING/ HANDLE DEPTH	WEIGHT	CAPACITY	SHELVES	DRAWER	INTERNAL KEY HOOKS
BS1281	K/E/F	100Wh	360 x 410 x 365mm	260 x 320 x 235mm	350mm/40mm	28kg	19 Litres	0	1	4
BS1282	K/E/F	200Wh	410 x 350 x 430mm	320 x 260 x 305mm	325mm/40mm	34kg	25 Litres	1	1	4
BS1283	K/E/F	350Wh	515 x 400 x 440mm	410 x 300 x 300mm	375mm/40mm	53kg	36 Litres	1	1	4

The internal drawer reduces internal height by 50mm. All weights are for the product only and does not include the packaging.



BS1280 SERIES
BATTERY TITAN

SPECIFICATIONS

- **SUITABLE FOR** – The storage and charging of the following battery types – power tools, garden tools, drones, laptop, mobile phone, plus your standard household rechargeable batteries AAA, AA, Type C, Type D, 9V.
- **SMOKE DETECTOR/ALARM** – Fitted with internal smoke detector and external, wireless alarm.
- **CHARGING** – Safely charge your Lithium batteries using the fitted power points – BS1281, 1 Double PDU, 2 sockets, BS1282, 1 Double PDU, 2 sockets, BS1283, 2 Double PDUs, 4 sockets.
- **2 YEAR GUARANTEE** – Two year materials and labour warranty
- **WARNING LABELS** – Fitted with warning label in accordance with ISO 3864 and ISO 7010, as well as the European directive 92/58/EEC
- **DROP TEST** – Fire and impact tested from 9.1 metres for resistance to the impact of falling through the burning floors of a building.
- **CONSTRUCTION** – Double wall construction with internal fill of our patented Styronite F insulation, provide a cabinet of great strength and fire/heat resistance.
- **LOCKING** – Available with key, electronic or fingerprint lock options.

  BS1280K–Fitted with a high-quality key lock supplied with two keys.

  BS1280E – Fitted with an advanced high security electronic lock with scrambled code as standard.

  BS1280F – Fitted with an advanced high security touchscreen keypad & fingerprint lock with clear LED display, internal alarm, dual control, hidden code and scrambled code that can be programmed as standard with up to 32 fingerprints.
- **FIRE PROTECTION** – Tested and certified to the international NT Fire 017-60 standard.
- **SECURITY PROTECTION** – The safe is recommended for an overnight cash risk of £2,000 or £20,000 valuables*.
- **FIXING** – Ready prepared for floor fixing, with fixing bolts for concrete floors supplied.
- **FEATURES** – All models are supplied with internal smoke detector and four internal key hooks and a pull-out drawer. Models BS1282 & BS1283 also benefit from a height adjustable shelf.
- **COLOUR** – Finished in a high-quality scratch resistant white paint RAL9003.









OPTIONAL FEATURES

- Bright internal LED light
  Illuminates the interior of the safe (BS1280E only).
- SP Safe monitor
  For enhanced safety, the cabinet can be fitted with internal temperature and humidity monitor, that links to a mobile phone App and alerts you if the maximum set temperature is breached.

* Ratings are approximate only and may vary due to area conditions and location. Please check with your underwriter.

BS0440 SERIES
BATTERY FIGHTER



BS0441K



BS0444F



BS0442E

Explore the BATTERY FIGHTER SERIES, meticulously designed to meet the demands of both residential and commercial settings, ensuring reliable storage and effective charging of Lithium-Ion batteries.

Rechargeable batteries carry inherent risks, notably thermal runaway triggered by temperature fluctuations, impacts, or production flaws. These risks imperil safety, potentially leading to hard-to-extinguish battery fires that pose serious threats to lives and property.

Select the Battery Fighter Series for unparalleled peace of mind, featuring a robust double-wall construction that is fire and impact rated. Choose from three size variations with key or electronic locking mechanisms, integrated smoke sensors, and power outlets incorporated.

Our safes are engineered for effortless concrete floor installation, equipped with user-friendly shelves, key hooks, and pull-out drawer for optimal storage convenience.

FEATURES

- Safe battery storage & charging
- Fire and security protection
- Robust steel construction
- Key or electronic locking
- 1-3 shelves with pull-out drawer & key hooks.
- Smoke detector & alarm

MODEL NUMBER	LOCKING OPTIONS	MAX. BATTERY CAPACITY	EXTERNAL DIMENSIONS H x W x D	INTERNAL DIMENSIONS H x W x D	DOOR SWING/ HANDLE DEPTH	WEIGHT	CAPACITY	SHELVES	DRAWER	INTERNAL KEY HOOKS
BS0441	K/E/F	600Wh	640 x 500 x 500mm	510+ x 375 x 330mm	640 x 500 x 500mm	93kg	63 Litres	1	1	3
BS0442	K/E/F	800Wh	820 x 520 x 520mm	670+ x 380 x 330mm	820 x 520 x 520mm	120kg	84 Litres	2	1	3
BS0444	K/E/F	1200Wh	1160 x 655 x 560mm	980+ x 475 x 350mm	1160 x 655 x 560mm	228kg	163 Litres	3	1	5

This information is provided as a guide only. Actual capacities may vary depending on the storage method or shelving used.
+The internal drawer reduces internal height by 95mm. All weights are for the product only and does not include the packaging.



BS0440 SERIES
BATTERY FIGHTER

SPECIFICATIONS

- **SUITABLE FOR** – The storage and charging of the following battery types – power tools, garden tools, e-bikes/scooters, drones, laptop, mobile phone, plus your standard household rechargeable batteries AAA, AA, Type C, Type D, 9V.
- **SMOKE DETECTOR/ALARM** – Fitted with internal smoke detector and external, wireless alarm.
- **CHARGING** – Safely charge your Lithium batteries using the fitted power points – BS0441, 2 Double PDUs, 4 sockets, BS0442, 3 Double PDUs, 6 sockets, BS0444, 4 Double PDUs, 8 sockets.
- **2 YEAR GUARANTEE** – Two year materials and labour warranty.
- **WARNING LABELS** – Fitted with warning label in accordance with ISO 3864 and ISO 7010, as well as the European directive 92/58/EEC
- **DROP TEST** – Fire and impact tested from 9.1 metres for resistance to the impact of falling through the burning floors of a building.
- **CONSTRUCTION** – Double wall construction with internal fill of our patented Styronite F insulation, provide a cabinet of great strength and fire/heat resistance.
- **LOCKING** – Available with key, electronic or fingerprint lock options.

  BS0440K – Fitted with a high-quality key lock supplied with two keys.

  BS0440E – Fitted with an advanced high security electronic lock with scrambled code as standard.

  BS0440F – Fitted with an advanced high security touchscreen keypad & fingerprint lock with clear LED display, internal alarm, dual control, hidden code, and scrambled code that can be programmed as standard with up to 32 fingerprints.
- **FIRE PROTECTION** – Tested to Swedish NT Fire 017-90 Paper (BS0441 & BS0442), NT Fire 017-120 Paper (BS0444), providing up to 120 minutes fire protection for paper documents.
- **SECURITY PROTECTION** – The safe is recommended for an overnight cash risk of £2,500 or £25,000 valuables*.
- **FIXING** – Ready prepared for floor fixing, with fixing bolts for concrete floors supplied.
- **FEATURES** – All models are supplied with internal key hooks and a pull-out drawer. All models also benefit from height adjustable shelves.
- **COLOUR** – Finished in a high-quality scratch resistant white paint RAL9003.









* Ratings are approximate only and may vary due to area conditions and location. Please check with your underwriter.

OPTIONAL FEATURES

- SP Safe monitor
  For enhanced safety, the cabinet can be fitted with internal temperature and humidity monitor, that links to a mobile phone App and alerts you if the maximum set temperature is breached.

BS1940 SERIES
BATTERY COMMANDER PRO



BS1943E BS1946K BS1945

The BATTERY COMMANDER PRO SERIES is certified to VDMA 24994:2024-08 standard by ECB.S and constructed to safeguard both lives and property from the potentially catastrophic consequences of Lithium battery fires. Providing a secure storage and charging solution tailored for Lithium-Ion batteries, these units mitigate the myriad of risks posed by such batteries, including thermal runaway due to temperature fluctuations, impact, or manufacturing defects. Such hazards can lead to spontaneous ignition and formidable fire outbreaks, that pose significant challenges for extinguishment.

The Battery Commander Pro Series ensures peace of mind through its sturdy double-wall construction, certified for fire resistance, impact resistance, and security. UK Police approved (Secured By Design scheme).

Customers can select from six size options, each offering either key or electronic locking mechanisms, integrated smoke detectors, reinforced insulated shelving, and built-in power outlets. Furthermore, this range includes a plinth for effortless relocation and removal from the premises in case of a fire emergency.

FEATURES

- VDMA 24994:2024-08 Certified
- Large volume Lithium-Ion battery storage & charging
- Storage and charging for up to 22,500Wh of batteries
- Robust Safe construction
- Key or electronic locking
- Internal temperature monitor as standard
- Reinforced and Insulated shelving
- Full electronic monitoring system

MODEL NUMBER	LOCKING OPTIONS	EXTERNAL DIMENSIONS H x W x D	SHELF CAPACITY	MAX. BATTERY CAPACITY	INTERNAL DIMENSIONS H x W x D	DOOR SWING/ HANDLE DEPTH	WEIGHT	CAPACITY	PDUs	SHELVES	DOORS
BS1941 †	K/E/F	855 x 690 x 710mm	2500Wh	2500Wh	450 x 510 x 400mm	650 / 40mm	185kg	91 Litres	1x (4 Gang)	0	1
BS1942 †	K/E/F	995 x 690 x 710mm	2500Wh	5000Wh	590 x 510 x 400mm,	650 / 40mm	213kg	120 Litres	2x (4 Gang)	1	1
BS1943	K/E/F	1385 x 690 x 710mm	2500Wh	7500Wh	980 x 510 x 400mm,	650 / 40mm	261kg	199 Litres	3x (4 Gang)	2	1
BS1944 †	K/E/F	1610 x 690 x 710mm	2500Wh	10000Wh	1205 x 510 x 400mm	650 / 40mm	388kg	245 Litres	3x (4 Gang)	3	1
BS1945	K/E/F	1910 x 690 x 710mm	2500Wh	12500Wh	1505 x 510 x 400mm	650 / 40mm	416kg	307 Litres	5x (4 Gang)	4	1
BS1946	K/E/F	1910 x 1125 x 710mm	4500Wh	22500Wh	1505 x 945 x 400mm	560 / 40mm	610kg	569 Litres	5x (8 Gang)	4	2

* As tested in base model. †Only available as factory order with MOQ.
This information is provided as a guide only. All weights are for the product only and does not include the packaging.





BS1940 SERIES
BATTERY COMMANDER PRO

SPECIFICATIONS

- **SUITABLE FOR** – The storage and charging of all Lithium Ion batteries up 25kgs, such as – power tools, garden tools, e-bikes/scooters, drones, laptop, mobile phone. Maximum storage capacities are listed in the table.
- **FIRE PROTECTION (INSIDE TO OUTSIDE)** – VDMA 24994:2024-08 Certified for a maximum shelf capacity of 2500Wh (BS1941-BS1945) to 4500Wh (BS1946) and total capacity from 2500Wh (BS1941) to 22500Wh (BS1946).

  See table for detailed capacity per model.
- **FIRE PROTECTION (OUTSIDE TO INSIDE)** – Factory tested to EN 14470-1 – Fire protection for 90 minutes from outside to in. NT Fire 017-120p certified – Fire protection for 120 minutes from outside to in.*
- **DROP TEST** – Fire and impact tested from 9.1 metres for resistance to the impact of falling through the burning floors of a building.
- **CHARGING** –Safely charge your Lithium batteries using the fitted power points – see table for details, with the option to add further PDUs to the pre-wired control box. Always check with your electrician to be sure not to overload your 13amp mains supply. Further 13 AMP Mains Supply or Three Phase can be added (POA).
- **VENTILATION** – Fitted as standard with air exhaust duct, for added ventilation. Dedicated ducting to the outside is also strongly recommended for the most secure and safe extraction in the event of thermal runaway.
- **SHELVING** – Supplied with reinforced and insulated height adjustable shelves capable of carrying 100kg at a time.

ELECTRONIC MONITORING AND CONTROL UNIT

- **INTERNAL TEMPERATURE MONITOR** – For safety, the cabinet comes as standard with an external temperature warning lamp, that gives an early warning of a potential issue with a battery overheating. In the event of excessive heat inside the cabinet, the control unit immediately cuts power to chargers and sounds an alarm.
- **DOOR ALARM** – The doors are fitted with sensors to prevent the doors being left open. A buzzer will sound to warn you.
- **FIRE ALARM CONNECTION** – The control unit can be connected to the building fire alarm to trigger the building system and alert the fire brigade.
- **SIREN & STROBE** – The unit is fitted with a siren and strobe light that is triggered in the event of overheat or thermal runaway. Power to the cabinet will also be cut and no charging will take place until the cabinet is back in normal working range.
- **WARNING LABELS** – Fitted with warning labels in accordance with ISO 3864 and ISO 7010, as well as the European directive 92/58/EEC.
- **MULTIPOINT LOCKING** – Fitted with an advanced reinforced multipoint locking system that securely seal the doors. Even in the event of the most severe battery explosion, the doors will remain securely closed.
- **CONSTRUCTION** – Double wall safe construction with internal fill of our patented Styronite F insulation, provides a safe of great strength and fire/heat resistance, for maximum protection against internal explosion caused during thermal runaway.
- **CE CERTIFIED** – The BS1940 series complete electronic control system is fully CE certified.
- **PLINTH** – to allow easy movability and removal from the building in the event of a fire situation. The plinth is supplied with a front cover to provide a neat exterior finish.
- **2 YEAR GUARANTEE** – Two year materials and labour warranty.

LOCKING OPTIONS

BS1940K – Fitted with a high quality key lock with two keys.
BS1940E – Fitted with an advanced high security electronic lock with clear LED display, dual control, hidden code and scrambled code that can be programmed as standard. The lock can further be upgraded to incorporate multiple user audit trail so that user's usage can be monitored.

BS1940F – Fitted with an advanced high security touchscreen keypad & fingerprint lock with clear LED display, battery Indicator, internal alarm, multi user codes, dual mode, hidden code and scrambled code that can be programmed as standard with up to 32 fingerprints.

OPTIONAL FEATURES

- SP Safe Monitor
  For enhanced safety, the cabinet can be fitted with internal temperature and humidity monitor, that links to a mobile phone App and alerts you if the maximum set temperature is breached.
- Fire Suppression
  Specially formulated condensed aerosol fire extinguishing for rapid and effective fire suppression, specifically designed for Lithium Ion batteries.

FirePro.





