



# BATTERY STORAGE SAFES

WHERE PEACE OF MIND IS GUARANTEED

**PHOENIX SAFE COMPANY** is one of the oldest UK manufacturers of safes and security products and can trace its history back to Liverpool in 1799.

In 1986, when Phoenix Safe Company was formed the aim was to design and manufacture advanced fire resistant safes to protect the new wealth of data information being produced by computers. The vital importance and catastrophic consequences of the loss of this information demanded a new approach to fire protection.

We are now a world leader, manufacturing and distributing a wide range of state of the art safes to suit all requirements, ranging from residential to commercial security and fire protection.

We specialise in vital records protection for both paper and computer media. All of our fire resistant files and safes carry a life-time after-the-fire replacement warranty. We have an extensive range of traditional security safes also, designed to protect cash and valuables from £1,000 to £1m as well as a comprehensive range of workplace storage products.

We welcome the opportunity to help you secure your most important items!

## SYMBOLS KEY



KEY LOCK



ELECTRONIC LOCK



FINGERPRINT LOCK



FIRE PROTECTION



2 YEAR GUARANTEE



DROP TESTED



ALARM



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**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   | SP1280/LEDPANEL   |
|   | CUT KEY - HIGH SECURITY PIN TUMBLER (DIMPLE)                             | SP1280/CUTKEY     |
|   | KEY BLANK - HIGH SECURITY PIN TUMBLER DIMPLE BLANK (MINIMUM ORDER QTY 5) | SPDIMPLEKEYBLANK  |
|   | APP BASED SAFE MONITOR FOR HEAT AND HUMIDITY                             | SPSAFEMONITOR     |
| 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 TUMBLER DIMPLE BLANK (MINIMUM ORDER QTY 5) | SPDIMPLEKEYBLANK  |
|   | DUAL CONTROL (KEYLOCK AND ELECTRONIC LOCK)                               | SPDIPR3           |
|   | APP BASED SAFE MONITOR FOR HEAT AND HUMIDITY                             | SPSAFEMONITOR     |
| BS1930 SERIES - BATTERY COMMANDER SAFES | BATTERY SHELF - BS1931/BS1932  | SP1931/BATTSHELF  |
|   | BATTERY SHELF - BS1934   | SP1934/BATTSHELF  |
|   | CHARGER SHELF - BS1931/BS1932  | SP/1931/CHARSHELF |
|   | CHARGER SHELF - BS1934   | SP/1934/CHARSHELF |
|   | ADDITIONAL PDU WITH 8 SOCKETS  | SP1931/PDU8       |
|   | AUTOMATIC FIRE EXTINGUISHER BS1931/BS1932                                | SP1931/FIREEXT    |
|   | AUTOMATIC FIRE EXTINGUISHER BS1934                                       | SP1934/FIREEXT    |
|   | FULL ALARM & FIRE SUPPRESSION SYSTEM BS1931/BS1932                       | SP1931/ALARM      |
|   | FULL ALARM & FIRE SUPPRESSION SYSTEM BS1934                              | SP1934/ALARM      |
|   | 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

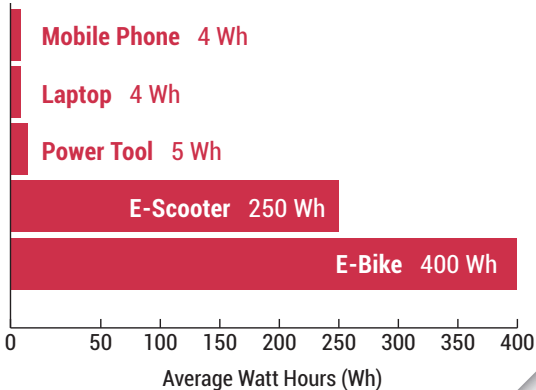
The spectre of a battery fire looms large, characterised by an intense and relentless combustion within the lithium-ion cell. These fires prove daunting to extinguish, fuelled by the fierce heat generated from chemical reactions within the battery. The rapid escalation of flames poses dangerous risks, 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.



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 | COLOUR | EXTERNAL DIMENSIONS<br>H x W x D | INTERNAL DIMENSIONS<br>H x W x D | DOOR SWING/<br>HANDLE DEPTH | WEIGHT | CAPACITY  | SHELVES | DRAWER | INTERNAL KEY HOOKS |
|--------------|-----------------|--------|----------------------------------|----------------------------------|-----------------------------|--------|-----------|---------|--------|--------------------|
| BS1281       | K/E/F           | ●      | 360 x 410 x 365mm                | 260 x 320 x 235mm                | 350mm/40mm                  | 28kg   | 19 Litres | 0       | 1      | 4                  |
| BS1282       | K/E/F           | ●      | 410 x 450 x 430mm                | 320 x 260 x 305mm                | 325mm/40mm                  | 34kg   | 25 Litres | 1       | 1      | 4                  |
| BS1283       | K/E/F           | ●      | 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.





## 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. E-bikes and scooters (BS1283 only).
- **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.



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, impact, and security certified. 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 drawers 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 | COLOUR | EXTERNAL DIMENSIONS<br>H x W x D | INTERNAL DIMENSIONS<br>H x W x D | DOOR SWING/<br>HANDLE DEPTH | WEIGHT | CAPACITY   | SHELVES | DRAWER | INTERNAL KEY HOOKS |
|--------------|-----------------|--------|----------------------------------|----------------------------------|-----------------------------|--------|------------|---------|--------|--------------------|
| BS0441       | K/E/F           | ●      | 640 x 500 x 500mm                | 510* x 375 x 330mm               | 440mm/40mm                  | 93kg   | 63 Litres  | 1       | 1      | 3                  |
| BS0442       | K/E/F           | ●      | 820 x 520 x 520mm                | 670* x 380 x 330mm               | 460mm/40mm                  | 120kg  | 84 Litres  | 2       | 1      | 3                  |
| BS0444       | K/E/F           | ●      | 1160 x 655 x 560mm               | 980* x 475 x 350mm               | 570mm/40mm                  | 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.





## 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.



## 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.

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



BS1931K



BS1934F



BS1932E

The **BATTERY COMMANDER SERIES** is 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 a substantial quantity of Lithium-Ion batteries, these units mitigate the myriad 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 Series ensures peace of mind through its sturdy double-wall construction, certified for fire resistance, impact resistance, and security.

Customers can select from three size options, each offering either key or electronic locking mechanisms, integrated smoke detectors, robust 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

- Large volume Lithium-Ion battery storage & charging
- 90 minute fire protection
- Robust steel construction
- Key or electronic locking
- Internal temperature monitor
- Heat protected ventilation
- Heavy duty shelving
- Smoke detector & alarm

| MODEL NUMBER | LOCKING OPTIONS | EXTERNAL DIMENSIONS<br>H x W x D | EXTERNAL CABLE BOX | INTERNAL TRUNKING | INTERNAL DIMENSIONS<br>H x W x D | DOOR SWING/<br>HANDLE DEPTH | WEIGHT | CAPACITY   | SHELVES | DOORS |
|--------------|-----------------|----------------------------------|--------------------|-------------------|----------------------------------|-----------------------------|--------|------------|---------|-------|
| BS1931       | K/E/F           | 1245 x 690 x 650mm               | Adds 100mm (D)     | Adds 25mm (H)     | 980 x 510 x 440mm                | 650mm/40mm                  | 300kg  | 220 Litres | 2       | 1     |
| BS1932       | K/E/F           | 1770 x 690 x 650mm               | Adds 100mm (D)     | Adds 25mm (H)     | 1505 x 510 x 440mm               | 470mm/40mm                  | 400kg  | 338 Litres | 3       | 1     |
| BS1934       | K/E/F           | 1770 x 1125 x 650mm              | Adds 100mm (D)     | Adds 25mm (H)     | 1505 x 945 x 440mm               | 560mm/40mm                  | 590kg  | 626 Litres | 3       | 2     |

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.



## 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.
- **FIRE PROTECTION** – Tested to EN14470-1 (part 1) for 90 mins.
- **CHARGING** – Safely charge your Lithium batteries using the fitted power points – 2 x 4 gang PDUs, 8 sockets, option to add further PDUs to the pre-wired control box.
- **2 YEAR GUARANTEE** – Two year materials and labour warranty.
- **VENTILATION** – Fitted as standard with air ventilation ducts, these ducts are heat protected by a thermal fuse that triggers at 75°C. This seals the unit in the event of an internal battery fire or external building fire. For added ventilation, an external extraction fan can be connected to the top exit vent duct, for forced extraction, this is highly recommended to prevent the build up of heat whilst charging.
- **INTERNAL TEMPERATURE MONITOR** – For safety the cabinet comes as standard with an external temperature display, this gives an accurate internal temperature reading and early warning of a potential issue with a battery over heating.
- **AUTOMATIC DOORS** – Each door is fitted with auto closing and auto locking function so the safe is always securely closed and sealed in the event of a fire.
- **WARNING LABELS** – Fitted with warning labels to 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.
- **MULTIPOINT LOCKING** – Fitted with an advanced 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 construction with internal fill of our patented Styronite F insulation provide a cabinet of great strength and fire/heat resistance.
- **LOCKING** – Key, electronic or fingerprint lock options.  
**BS1930K** – Fitted with a high quality key lock with two keys.  
**BS1930E** – 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.  
**BS1930F** – 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.
- **SHELVING** – Supplied with heavy duty perforated height adjustable shelves capable of carrying 100kg at a time. Fitted with an internal base sump as standard.
- **PLINTH** – to allow easy movability and removal from the

## 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 Extinguisher**  
Automatic condensed aerosol fire extinguisher unit
- **Controller**  
Full alarm and fire suppression system







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<br>H x W x D | SINGLE BATTERY CAPACITY | MAX. BATTERY CAPACITY | INTERNAL DIMENSIONS<br>H x W x D | DOOR SWING/<br>HANDLE DEPTH | WEIGHT | CAPACITY   | PDU's       | SHELVES | DOORS |
|---------------------|-----------------|----------------------------------|-------------------------|-----------------------|----------------------------------|-----------------------------|--------|------------|-------------|---------|-------|
| BS1941 <sup>†</sup> | 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 <sup>†</sup> | 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 <sup>†</sup> | 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              | 2280Wh                  | 22500Wh               | 1505 x 945 x 400mm               | 560 / 40mm                  | 610kg  | 569 Litres | 4x (8 Gang) | 3       | 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.



## SPECIFICATIONS

- **SUITABLE FOR** – The storage and charging of all Lithium Ion batteries up to 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 single battery of 2500Wh (BS1941-BS1945) to 2280Wh (BS1946) and total capacity from 2500Wh (BS1941) to 22500Wh (BS1946). See table for detailed capacity per model.
- **FIRE PROTECTION (OUTSIDE TO INSIDE)** – 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. In the event the doors are left open, the power will be cut, and no charging will take place. A buzzer will also 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 overheating 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.
- **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.

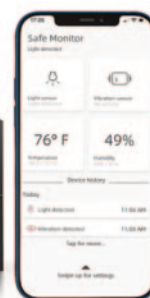
**BS1940E** – Fitted with an advanced high security electronic lock with clear LED display, dual control, hidden code and scrambled code that can be programmed as standard. The lock can further be upgraded to incorporate multiple user audit trail so that user's usage can be monitored.

**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.**





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