

EV & HYBRID SERVICE SAFETY REPAIR CATALOG

BRIGHT  FOCUS

YOUR PARTNER IN EV WORKSHOP SAFETY

Elevate Safety Standards in Your EV Service Bay

As electric and hybrid vehicles become the new norm, ensuring a safe and compliant workshop is more important than ever. Bright Focus offers essential safety solutions designed to protect your technicians and your business from high-voltage hazards.

Invest in safety today - Bright Focus is your partner in EV workshop safety.

From specialised equipment to comprehensive safety gear, our products help you create a secure working environment, minimise risks, and confidently service the next generation of vehicles.

SECURE THE ZONE:

Create a clearly marked, restricted-access service bay with designated barriers and warning signs. Build your safe workspace on a foundation of non-conductive flooring. This will help to prevent unauthorised access and reduce the risk of electrical shock.

PROTECT YOUR PEOPLE:

Your technicians require certified protection. Our range includes arc vision protection kits, insulating gloves, and protective footwear to safeguard against arc flash and electric shock. By providing your team with the right personal protective equipment, you can ensure their safety and well-being.

USE THE RIGHT TOOLS:

Ensure compliance with insulated tools and diagnostic equipment designed for EV safety. In an emergency, a rescue device can be a critical life-saving tool. By using the right tools for the job, you can reduce the risk of accidents and ensure a safe working environment.

CONTROL THERMAL EVENTS:

Lithium-ion battery fires require a specialised response. Be prepared with fire extinguishers and fire blankets specifically designed to contain and control EV fires. By having the right equipment on hand, you can respond quickly and effectively in the event of a thermal emergency.



CONTENTS

<i>EV Charging Solutions.....</i>	<i>3</i>
<i>Teltonika EVC2</i>	<i>4</i>
<i>Autel MaxiCharger AC Ultra</i>	<i>4</i>
<i>Delta SLIM100</i>	<i>5</i>
<i>Delta 50 kW DC Wallbox</i>	<i>5</i>
<i>The Compact Service Module</i>	<i>6</i>
<i>Rotary SPOA10-AV EV All-Vehicle Lift.....</i>	<i>7</i>
<i>3 Tier Heavy-Duty Service Trolley</i>	<i>8</i>
<i>Rescue Hook.....</i>	<i>8</i>
<i>Rubber floor tiles.....</i>	<i>8</i>
<i>EV Safety Cones</i>	<i>8</i>
<i>Magnetic Car Toppers.....</i>	<i>8</i>
<i>Safety Barriers & Signage.....</i>	<i>9</i>
<i>31pc 3/8" (1Inch) Insulated Combination Set</i>	<i>10</i>
<i>Mobile Lift Table – WTF 1 Ton Powered</i>	<i>10</i>
<i>MT550 Handheld Insulation Tester</i>	<i>10</i>
<i>Dromex® Protective gear</i>	<i>11</i>
<i>Dromex® Protective gear cont.</i>	<i>12</i>
<i>Battery Fire Blanket.....</i>	<i>13</i>
<i>Fothershield EV Fire Blanket</i>	<i>14</i>
<i>Lith-Ex Wall Mount Fire Extinguisher</i>	<i>15</i>
<i>Lith-Ex Trolley Fire Extinguisher.....</i>	<i>15</i>

EV CHARGING SOLUTIONS

SCALABLE, INTELLIGENT AND BUILT FOR EVERY CHARGING ENVIRONMENT

Bright Focus supplies a complete range of commercial-grade EV chargers designed for dealerships, workshops, retail sites, fleets, and high-performance charging environments. From compact AC chargers to high-output DC fast-charging systems, our solutions deliver reliability, network integration, and future-proof performance.

FEATURE	TELTONIKA EVC2	AUTEL MAXICHARGER AC ULTRA	DELTA DC WALLBOX 50 KW	DELTA SLIM100
				
CHARGER TYPE	Smart AC Wallbox	Dual-port AC Commercial Charger	Compact DC Fast Charger	High-Power DC Fast Charger
POWER OUTPUT	7.4 / 11 / 22 kW	2 × 7.4 kW or 2 × 22 kW	50 kW DC (2 × 25 kW)	100 kW (2 × 50 kW)
CHARGING MODE	AC (Type 2 socket or tethered)	AC (Type 2)	DC (CCS / CHAdeMO)	DC (CCS / CHAdeMO) + AC Type 2
SIMULTANEOUS CHARGING	Yes (load balancing)	Yes — two EVs	Yes — dual DC output	Yes — dual 50 kW DC or AC+DC combinations
EFFICIENCY		95%	≥ 96%	≥ 97%
CONNECTIVITY	OCPP 1.6, LAN, Wi-Fi, 4G, Bluetooth, NFC	OCPP 1.6, Wi-Fi, Ethernet, Optional 4G	OCPP, RFID, Ethernet, (Optional credit card terminal)	OCPP, LAN/Wi-Fi/4G, RFID, credit card terminal
DISPLAY / USER INTERFACE	LED indicators; mobile app	8-inch HD display	LCD screen + payment terminal	Multilingual display + payment UI
SMART FEATURES	Dynamic Load Balancing, solar-ready, app control, FOTA	Plug & Charge (ISO 15118), cloud management, advertising	Remote monitoring, fault diagnostics	Energy management, load sharing, multi-vehicle scheduling
INSTALLATION TYPE	Wall- or pole-mounted	Floor- or wall-mounted	Floor- or wall-mounted	Floor-standing (thin footprint)
OPERATING TEMPERATURE	−30°C to +50°C	−30°C to +50°C	−30°C to +55°C (derating above +45°C)	−25°C to +50°C
DURABILITY RATING	IP55 / IK10	Weather-resistant enclosure	Outdoor-rated enclosure	Rugged outdoor cabinet
PAYMENT OPTIONS	App, NFC	QR / Mobile via OCPP	Credit card, RFID	Credit card, RFID, mobile
IDEAL USE CASES	Workshops, homes, staff parking	Dealerships, public charging, commercial sites	Dealership service lanes, fleets, pay-per-use sites	High-traffic DC sites, fleets, dealerships

TELTONIKA EVC2 – SMART, CONNECTED AC WALLBOX

7.4 KW / 11 KW / 22 KW OPTIONS

A premium AC wallbox built for modern energy management. The Teltonika EVC2 combines dynamic load balancing, advanced connectivity, modular front plate design, and seamless mobile-app control. It offers full OCPP 1.6 integration, remote management, and durable IP55 / IK10 construction — perfect for workshops and fleet depots.

FEATURES:

- Power options: 7.4 / 11 / 22 kW
- Dynamic load balancing + solar integration
- Strong connectivity: LAN, Wi-Fi, 4G, Bluetooth, NFC
- Interchangeable front plates (including real wood options)
- Type 2 socket or tethered options
- Remote management, FOTA updates, and app control
- Tested for tough conditions: -30°C to +50°C

IDEAL FOR: Home-to-workplace transitions, dealership staff parking, EV-ready workshops, fleet charging.



AUTEL



AUTEL MAXICHARGER AC ULTRA DUAL-PORT COMMERCIAL AC CHARGING

AC ULTRA: 2 × 7.4 KW OR 2 × 22 KW

The MaxiCharger AC Ultra delivers fast, efficient AC charging for two vehicles simultaneously, making it ideal for dealerships, customer parking, and workplace charging.

A rugged one-piece pedestal design, 8-inch HD display, OCPP connectivity, and support for advertising or mobile payment give this charger exceptional flexibility in commercial environments.

FEATURES:

- Dual-port AC charger: up to 22 kW per connector
- Fast charging: up to 140 km in 60 minutes
- ISO 15118 Plug & Charge compatibility
- Wi-Fi hotspot sharing + cloud network management
- Weather-resistant housing for indoor/outdoor use
- Floor- or wall-mounted installation options

IDEAL FOR: Dealership forecourts, customer parking, commercial buildings, mixed-use sites.

DELTA SLIM100 – HIGH-PERFORMANCE 100 KW DC FAST CHARGER

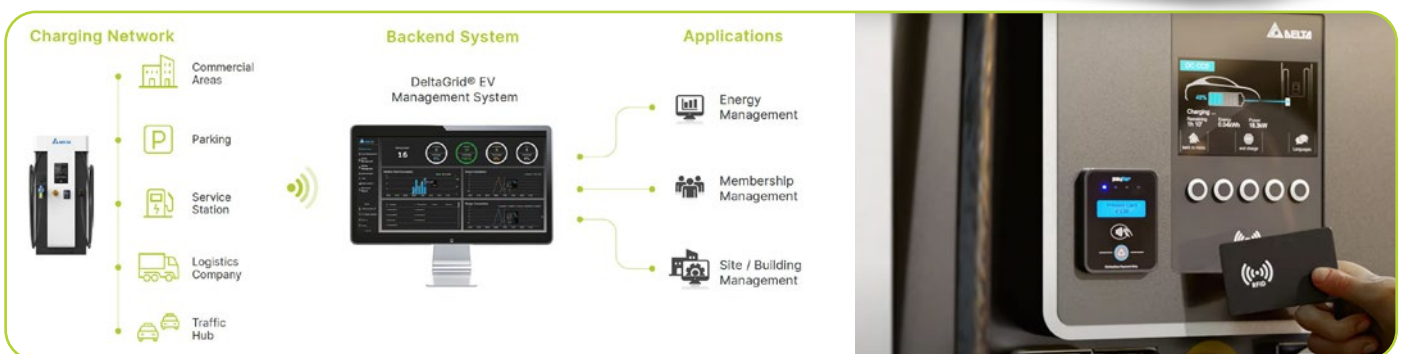
2 × 50 KW SIMULTANEOUS CHARGING

Designed for next-generation EV infrastructure, the Delta SLIM100 offers up to 100 kW of power in one of the most compact DC charger footprints on the market. It supports both AC and DC charging, advanced load distribution, and three-vehicle charging scenarios — ideal for busy hubs with high utilisation.

FEATURES:

- High-power DC charging: 100 kW total, or 2 × 50 kW
- Supports CCS, CHAdeMO, and Type 2 AC output
- Dynamic energy management & high-efficiency rectifiers (97%)
- Designed for space-critical sites (0.9 × 0.44 × 1.6 m)
- Full OCPP connectivity & backend platform integration
- Barrier-free access and extremely durable outdoor design
- Credit-card and RFID authentication options

IDEAL FOR: Dealership fast-charge bays, logistics fleets, highway service centres, and high-traffic charging hubs.



DELTA 50 KW DC WALLBOX COMPACT DC FAST CHARGING

DUAL-CONNECTOR DC CHARGER

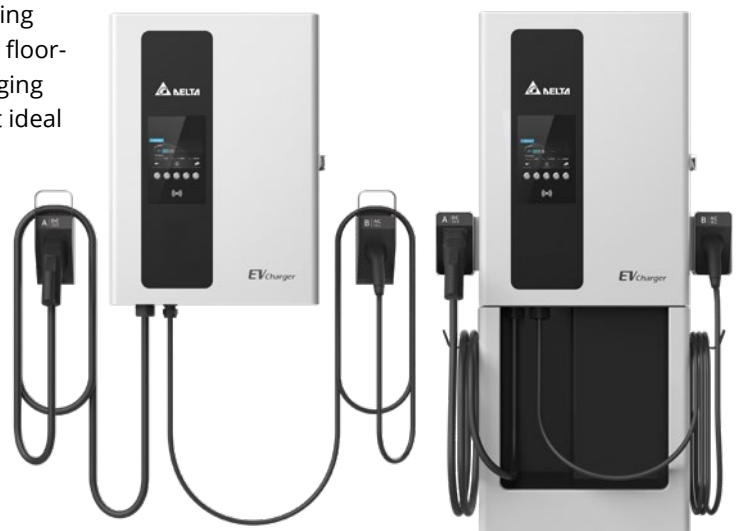


The Delta 50 kW DC Wallbox provides high-efficiency fast charging with a minimal installation footprint. The DC Wallbox 50kW has floor- and wall-mounted options for flexible installation. Its dual charging connectors and ability to charge two vehicles in parallel make it ideal where faster turnaround and limited space are priorities.

FEATURES:

- 50 kW DC output with ≥ 96% efficiency
- Simultaneous DC charging (dual-port)
- Compact, wall-mounted design for space-restricted sites
- Credit-card terminal for “charge-to-go” environments
- OCPP-compatible with backend integration
- Remote monitoring and user authentication (RFID / card)

IDEAL FOR: Dealership service lanes, commercial buildings, fleets, and pay-per-use charging environments.





THE COMPACT SERVICE MODULE - PERFECT FOR EV & HYBRID SERVICE BAYS

The Compact Range includes a 6-drawer mobile tool trolley and a versatile 3-Level Tech Trolley, so every essential tool and piece of safety equipment is always within reach. This thoughtful setup minimises technician movement and keeps focus on safe procedures with high-voltage systems.

1. Enhanced Security	An integrated combination lock secures sensitive tools and equipment, protecting valuable assets.
2. Mobile Tool Trolley	The 6-drawer unit, with rubber inserts and dividers, keeps insulated tools and PPE organised, secure, and accessible. Hidden castor wheels allow technicians to easily move essential equipment to the work area.
3. Customisable Storage	A perforated panel enables flexible arrangement of clips, prongs, and Linbin rails, ensuring safety signage, lockout/tagout devices, and emergency gear are always visible and ready.
4. 3-Level Tech Trolley	With a robust front panel and ergonomic handles, this trolley offers extra storage for diagnostic devices, documentation, and specialised EV tools, supporting a tidy, safe workspace.
5. Integrated Technology	Clean power sockets, network connectivity, and CPU storage cupboard support advanced diagnostic tools for EV and Hybrid systems, helping OEMs deliver top service standards.
6. Workstation Safety	The stainless steel worktop, protected by durable rubber, provides a safe surface for component handling. Adjustable monitor bracket, keyboard tray, and job card holder improve technician efficiency and safety.
7. Waste Management	The built-in waste cabinet with a removable 50L bin keeps the area clean and organised, reducing fire hazards and supporting safety compliance.



<< SPOA10U20M5RD

Add the Shockwave™ package to double lift speed and maximise bay productivity.

ROTARY SPOA10-AV – THE EV-READY ALL-VEHICLE LIFT

The Rotary SPOA10-AV is built for the modern EV workshop, delivering exceptional versatility, industry-leading low-profile access, and the capability to safely lift nearly any vehicle your dealership services. Its patent-pending All-Vehicle Arms™ give technicians the reach and precision needed to access OEM lifting points on low-clearance EVs, while still accommodating SUVs and light trucks within its 4.5-ton capacity.

Engineered for work around high-voltage systems and battery housings, the SPOA10-AV features the lowest adapter height in its class, ensuring safe engagement under aerodynamic EV bodies without damaging undertrays or structural components. With fast setup, short arm retraction, and a wide pickup range, it enhances bay efficiency and reduces technician setup time.

A full adapter system is included as standard—round polymer EV pads, truck adapters, and stackable extensions—giving workshops the flexibility to service almost any vehicle without switching lifts. Built with Rotary's proven structural design, the SPOA10-AV offers long-term durability, stability, and reliability in demanding EV service environments.

WHY IT BELONGS IN AN EV-READY WORKSHOP

- Ultra-low adapter height for safe EV battery access
- Wide reach and rapid arm setup for fast vehicle positioning
- Strong, stable lifting for EVs, hybrids, SUVs, and light trucks
- Full adapter set included for maximum vehicle compatibility
- Optional Shockwave™ upgrade for faster cycle times

Capacity	4,536 kg (10,000 lbs)
Type	Asymmetric 2-post with All-Vehicle Arms™
Min. Adapter Height	86 mm
Rise Height	1,848 mm
Overall Size	3,835 mm (H) × 3,480 mm (W)
Drive-Through Clearance	2,590 mm
Adapters Included	EV pads, truck adapters, extensions
Lift Speed	~50 sec (Standard)
Shockwave™ Option	2× faster operation
Construction	Double-S columns, tapered arms
Certification	ALI Gold Certified

COMES STANDARD WITH ADJUSTABLE ROUND, TRUCK & STACKABLE ADAPTER EXTENSIONS



ROUND ADAPTERS

For lifting unibody and battery electric vehicles. Set of four polymer pad round adapters thread-up to allow protection of vehicle underbody components or undercoating for no metal on metal contact.

TRUCK ADAPTERS

For use on framed vehicles. Set of four adjustable thread-up adapters with rubber pads for protection of underbody vehicle components or undercoating.

3 TIER HEAVY-DUTY SERVICE TROLLEY

Designed for busy workshops servicing electric and hybrid vehicles, this rugged steel trolley features deep-sided trays for secure tool and part storage. Finished with durable powder coating, it offers long-lasting performance and can be customised with optional accessories. Perfect for keeping your workspace organised and efficient.

KEY FEATURES:

- Heavy-duty steel construction
- Powder-coated for corrosion resistance
- Deep trays for secure storage
- Customisable with accessories

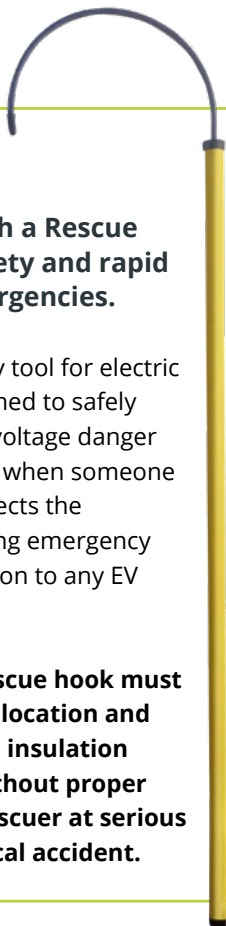


RESCUE HOOK

Equip your EV workshop with a Rescue Hook to ensure technician safety and rapid response in electrical emergencies.

The Rescue Hook is an essential safety tool for electric and hybrid vehicle service bays, designed to safely remove injured personnel from high-voltage danger zones in the event of electric shock or when someone is still at risk. Its insulated design protects the rescuer from chain electrocution during emergency manoeuvres, making it a critical addition to any EV workshop.

For maximum effectiveness, the rescue hook must be stored in a dry, easily accessible location and kept clean to maintain its electrical insulation properties. Attempting a rescue without proper protective measures can put the rescuer at serious risk of becoming part of the electrical accident.



EV SAFETY CONES

Ensure the safety of your staff, customers, and visitors with our durable EV Safety Cones. Designed specifically for electric vehicle service environments, these cones serve as clear visual warnings around high-voltage areas, helping prevent accidents and maintain a secure workspace for everyone.



MAGNETIC CAR TOPPERS

Highlight potential electrical hazards with our Magnetic Car Toppers. These shielded magnets attach securely to the roof of electric vehicles, serving as a highly visible warning to personnel and customers alike. An effective and easy-to-install safety measure to communicate caution in your workshop.

INTERLOCKING FLOOR TILES



PVC interlocking floor tiles are an essential safety component for electric and hybrid vehicle service bays. Engineered for the tough demands of modern automotive workshops, these tiles enhance workplace safety by providing superior traction, durability, and comfort. Their design helps create a professional, clean, and secure environment for technicians working with high-voltage systems.



BARRIER CHAIN & POSTS

A simple but effective way to warn of electric and hybrid vehicles in your workshop and highlight prohibited access for non-authorised technicians.

Constructed from plastic or steel, it features bright or reflective bands for enhanced visibility and fits securely into a rubber base for stability. Suitable for both indoor and outdoor use, this system is easy to deploy and compact for storage.

PRODUCT FEATURES:

- Powder-coated steel/plastic post
- Standard rubber base
- Indoor and outdoor use
- Compatible with RoadQuip® Plastic Chain

White & Red or black & yellow
Size: 1000mm height x 50mm width



SAFETY RETRACTABLE BARRIERS - BLACK AND YELLOW

Maintain order and safety in your EV service bays with our Safety Retractable Barriers. Constructed from powder-coated steel, these barriers feature high-visibility yellow poles, a matte black base, and 2-meter retractable belts with black and yellow stripes. Standing at 920mm tall and supported by a stable 7kg weighted plate, they are easy to assemble and connect in multiple configurations (4-way connectivity). Ideal for cordoning off high-voltage zones and directing traffic flow, ensuring a safe and organised workspace.

Dimensions:	2m x 48mm yellow and black retractable belt.
Heavy Duty:	Yellow powder-coated steel poles, 920mm tall.
Stable Base:	320mm wide matte black base, 7kg weight.
Versatile Use:	4-way connectivity for versatile setups.
Quick Setups:	Anti-slip rubber rim prevents scratches.



ELECTRIC & HYBRID VEHICLE, DANGER HIGH VOLTAGE / NO ACCESS SIGN FOR CHAINS

- Lightweight but durable polymer panel signs.
- Mounting hooks for easy deployment on the hi-vis chains.
- Dimensions : 370 x 240mm.

MT550 HANDHELD INSULATION TESTER FOR EV & HYBRID SERVICE BAYS



The MT550 is a user-friendly insulation tester, ideal for electric and hybrid vehicle workshops. With selectable test voltages (250V, 500V, 1000V), it ensures accurate insulation resistance testing on high-voltage systems. The large illuminated LCD displays real-time readings, while safety features like live circuit warnings, automatic circuit discharge, and a continuity buzzer protect both users and sensitive electronics. The MT550 also measures AC/DC voltage, offers a hands-free strap and magnet, and features a rugged, workshop-ready design. A must-have tool for safe and efficient EV and hybrid vehicle servicing.

KEY FEATURES:

- Three insulation test voltages: 250V, 500V, 1000V
- AC voltage up to 750V, DC up to 1000V
- Real-time illuminated LCD display
- Live circuit warning & buzzer
- Automatic circuit discharge
- Data Hold, lock-down test button, and continuity buzzer
- Durable, rubber overmould housing

31PC 3/8" (Inch) INSULATED COMBINATION SET

14 x 3/8" (Inch) 12pt. Insulated Flank Socket:	6mm, 7mm 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm
1 x 3/8" (Inch) Insulated Ratchet Handle	45 Teeth 200mm
2 x 3/8" (Inch) Insulated Extension	150mm, 250mm
1 x Insulated Combination Plier	180mm
1 x Insulated Long Nose Plier	160mm
1 x Insulated Diagonal Cutting Plier	160mm
2 x Insulated Phillips Screwdriver	PH.1, PH.2
3 x Insulated Slotted Screwdriver	2.5mm, 4mm, 5.5mm
5 x Insulated Open End Wrench	7mm, 8mm, 10mm, 12mm, 14mm
1 x Screwdriver Probe Voltage Tester	110~250V AC



MOBILE LIFT TABLE – WTF 1 TON POWERED

Improve safety and operational efficiency in your EV service workshop with our powered scissor lift table. Designed to effortlessly lift and maneuver heavy components such as batteries and other large parts. Its compact and mobile design allows for easy movement within tight spaces, making it an essential tool for maintaining a safe and ergonomic working environment. Built for durability and reliability, the lift table helps streamline your workflow and enhances productivity in your EV servicing operations.



Capacity	: 1 000 kg
Lifting Height	: 1.8mm
Close Height	: 520mm
Wheels	: 125 dia
Battery	: 12v
Charger	: 220/110 amh
Table Size	: +- 1 000 x 600 x 50 : +- 1 200 x 600 x 50

DROMEX® 28CAL ARC VISION PROTECTION KIT. INCLUDES: ARC GOGGLE, 31CAL BALACLAVA, ARC POUCH

Equip yourself with advanced, head-to-neck arc flash protection with the Dromex® 28CAL ARC Vision Protection Kit. This all-in-one safety kit is engineered for professionals who demand uncompromising protection and comfort while working in high-risk, energised environments.

KIT INCLUDES:

Dromex® DV-AVG28 ARC Goggles (28cal/cm²):

Designed for maximum eye safety, these advanced goggles protect against the intense thermal and impact hazards of arc flash incidents. Featuring True Vision technology for crisp optics and realistic color, the DV-AVG28 ensures clear visibility and long-lasting comfort. Suitable for use in category 3 arc environments, they are essential for electricians and professionals working near live or high-voltage equipment.



Durable ARC Pouch:

Keep your protective gear organised and ready for rapid deployment. The included ARC pouch is designed for convenient storage and transport of your essential PPE.

Dromex® Aramid Balaclava (31cal/cm²):

This lightweight, fire-resistant balaclava is crafted from engineered meta-aramid knitted yarn, providing comprehensive coverage for the neck, face, and head. It offers dependable protection from fire and arc flash hazards, and its breathable, moisture-wicking construction ensures comfort during extended wear. Compatible with SCBA masks or as part of a complete PPE ensemble.

KEY FEATURES:

- Advanced arc flash protection for eyes, face, head, and neck
- True Vision technology for clear, undistorted optics and realistic color
- Lightweight and comfortable balaclava with moisture-wicking, breathable fabric
- Ideal for electricians, utility workers, and professionals in high-voltage environments
- All components arc-rated and designed to work together for maximum safety

DROMEX DH-ARC-HHKW NON-VENTED ELECTRICAL HARD HAT

Experience uncompromising head protection with the Dromex DH-ARC-HHKW non-vented electrical hard hat.



Designed for workers exposed to high voltage and impact hazards, this helmet combines robust dielectric protection—up to 20,000 volts—with superior wearer comfort and durability. Perfect for electrical, industrial, and utility environments where safety comes first.

Dielectric Protection:	Up to 20,000 volts (phase to ground)
Shell Material:	Corrugated ABS (Acrylonitrile Butadiene Styrene) for maximum durability and impact resistance
Suspension:	6-point textile cradle with unique angular placement for optimum shock absorption
Anchorage Points:	Wide attachment points to prevent damage and suspension slip-outs during impact
Sweatband:	Removable, breathable, polyamide headband with skin-friendly, non-stain, anti-allergic, sweat-absorbing comfort pad
Adjustability:	Ergonomic ratchet-style liner fastener for easy adjustment - even with gloves - folds away when not in use
Integration:	Side slots for attaching face shields and helmet-mounted earmuffs
Chin Strap:	Webbed polyester, non-metal, with adjustable polyamide slider buckle for secure fit

DROMEX® THOR ELECTRICAL INSULATING GLOVES

Stay protected from electrical hazards with Dromex® THOR electrical insulating gloves, designed for professionals working with energized electrical equipment.

These premium gloves provide essential protection against electric shock during installation, maintenance, and repair tasks, offering comfort, flexibility, and reliable safety for voltages up to 30kV (class dependent).

Purpose:	Protection against electric shock during electrical work (installation, maintenance, repairs)
Voltage Classes:	Class 0: up to 5kV (Low voltage) Class 1: up to 10kV (High voltage) Class 2: up to 20kV (High voltage) Class 3: up to 30kV (High voltage)
Material:	High-quality, flexible rubber latex with sweat-absorbing inserts for optimum comfort
Design:	Anatomically shaped to reduce hand fatigue, even during prolonged use
Compatibility:	Suitable for use with protective leather over gloves for added mechanical protection
Testing & Certification:	Each glove is electrically tested and uniquely numbered Supplied with an individual examination certificate after testing Manufactured on an automated line for consistent quality
Standards:	AC (alternating current) and RC category gloves Conforms to PN-EN 60903:2006 (EN 60903:2003 + AC2:2005)
Category R Features:	Acid-resistant (A), Oil-resistant (H), Ozone-resistant (Z), Resistant to extremely low temperatures (C)



RECOMMENDATION

Stock two pairs of gloves so when you send one pair for testing, you have an alternate pair.

DROMEX® BOLT BOOTS – ADVANCED ELECTRICAL HAZARD PROTECTION

The Dromex® Bolt, is a high performance, metal free, electrical hazard safety boot, that is designed to protect the users' feet from mechanical and electrical hazards all whilst offering optimum comfort for daily use.

These boots are suitable for use in the Construction, Utilities, Civils, Mining, and Oil and Gas industries as it is certified to withstand electrical risks of 20kV in accordance with the ASTM F2413-18 testing methods and exceeds the Eskom spec (34-232) of electrical resistance to 20KV for 60 seconds.

The construction of the premium full grain Ox leather which is soft, flexible, water resistant, chromium VI free and durable along with a fiberglass toecap and Kevlar mid-sole, aids in an ergonomic fit, reducing overall wearer fatigue on the user. The chromium content in this footwear does not exceed 3,0 mg/kg.

Dromex® safety footwear is manufactured using the world class DESMA 24 station, Robotic machine through a direct injection molding process for the upper and mid-sole and vulcanization producing a high-quality outsole made from PU & Nitrile rubber technologies.

Standards:	Conforms to EN 20345:2022
Electrical Hazard Protection:	Rated for 20kV in accordance with ASTM F2413-18; meets and exceeds Eskom spec 34-232 (20kV for 60 seconds)
Upper Material:	Water-resistant, full grain ox leather
Mid-sole:	Kevlar for puncture and heat resistance
Outsole:	PU/rubber, heat resistant up to 300°C for 60 seconds
Toecap:	Fiberglass, impact resistant up to 200 ± 4J
Insole:	Removable, breathable PU and memory foam for superior comfort
Design:	Metal-free, lace-up ankle boot
Slip Resistance:	SR rated (tested on ceramic tile floor with glycerine)





BATTERY FIRE BLANKETS

AVD Fire have developed a specialist range of fire blankets specifically for the Lithium-ion battery market. The blankets are capable of withstanding extremely high temperatures for a prolonged period of time as well as being robust enough to offer protection against potential debris and shrapnel expelled during a battery fire.

These qualities make Lithium-ion battery fire blankets an important part of your fire protection strategy. If your organisation is connected to the production, storage and transportation of lithium-ion batteries, it's essential to have a comprehensive approach that combines both passive and active fire suppression systems. The AVD blankets are easy to store and quick to deploy, ensuring you're always prepared for battery fire emergencies.

TYPICAL PROPERTIES

- Working temperature up to 1100°C
- Fire resistant technical fabrics
- Fire resistant re-enforced multi-layered edge lining
- Fire resistant industrial stitching
- Handling loops on all corners

TECHNICAL BENEFITS

The AVD Fire range of Blankets are manufactured using fire resistant technical fabrics based on the highest temperature resistant silica glass fibres. Flame deflection protection is added to these fibres as well as abrasion resistance utilising a variety of proprietary surface coatings. The non-flammable, vermiculite dispersion mineral-coated glass fabric is overlaid with a sacrificial, protective silicone layer.

IN-HOUSE TESTING HAS BEEN COMPLETED ON EXPOSED LITHIUM-ION BATTERIES UP TO 840 WH.

1100°C

No rupture of the fabric after several hours of application of either a point flame source or in a constant temperature furnace.

1200°C

No rupture after 30 minutes.

1300-1500°C

Brittle after 10 minutes.



The most effective method of utilising an AVD Fire Blanket is to simply smother the flames in a fire, reducing the oxygen supply and preventing the fire from spreading. It should be noted that certain types of lithium-ion battery generate their own oxygen during the process of thermal runaway and therefore the fires will be likely to continue to burn for an extended period of time.

SMALL

Blanket size 1700 x 2000 mm
Blanket weight ~3.4 kg
Blanket weight in bag ~3.7 kg
Dimensions of folded blanket in outer bag: 520 x 300 x 70 mm



MEDIUM

Blanket size 2600 x 3300 mm
Blanket weight ~7.8 kg
Blanket weight in bag ~8.3 kg
Dimensions of folded blanket in outer bag: 540 x 350 x 140 mm



LARGE

Blanket size 6000 x 8000 mm
Blanket weight ~43.2 kg
Blanket weight in bag ~44.4 kg
Dimensions of folded blanket in outer bag: 1020 x 440 x 250 mm



FOTHERSHIELD EV FIRE BLANKET

An essential safety solution for every EV service bay and emergency response team.

Specially developed for electric and hybrid vehicle fires, the Fothershield EV Fire Blanket contains high-temperature lithium-ion battery fires by quickly smothering and starving them of oxygen. This helps control the fire, minimises damage to nearby vehicles, and creates a safer environment for emergency response. Designed for rapid deployment, the blanket features long handles for easy coverage and comes with a durable, water-repellent storage bag for quick access.

KEY BENEFITS:

- Controls EV battery fires and thermal runaway
- High-temperature and chemical resistance
- Flexible, robust, and easy to deploy



Material:	High-grade silica fabric with Graflex™ finish
Temperature Resistance:	Up to 1200 °C (melting point 1600 °C)
Construction:	Stitched with stainless steel and meta-aramid thread, FR webbing straps (4 or 6)
Storage:	Heavy-duty PVC-coated polyester bag, water repellent
Dimensions:	3m x 4m or 6m x 8m
Thickness:	0.7mm
Silica Content:	Minimum 95%
Tensile Strength:	Warp 2000 N/50mm, Weft 1200 N/50mm

LITH-EX WALL MOUNT FIRE EXTINGUISHER

A high-performance fire extinguisher designed to combat lithium battery fires

EXTINGUISHER TYPE	LITH EX 1 L	LITH EX 2 L	LITH EX 6 L	LITH EX 9 L
Brim Full Capacity / ml	1,240	2,520	7,780	11,325
Fill Volume AVD Agent / ml	1,000	2,000	6,000	9,000
Approx. Weight Agent / kg	1.1	2.2	6.6	9.9
Approx. Weight of Unit / kg	2.1	3.9	10.7	15.0
Cylinder Ø / mm	85	110	170	170
Cylinder Height / mm	320	380	522	664
Unit Height / mm	350	410	530	672
Handle	Metal - Red			
Hose	N/A		Yes with Magnet	
Base	Integral Base & Wall Bracket		Green PP	
Bracket			Wall Hanger	
Fire Rating	3A	5A	13A	13A
EN3 Certified	Not Allowed	Yes	Yes	Yes
Propellant	Nitrogen (He Tracer)			
Operating Pressure / bar *	15			
Operating Temperature	+5°C to +60°C			
Approx. Discharge Time / s	25	50	120	180
Discharge Range / m	1.5 - 2.0			
Packaged Unit l x w x h / mm	102 x 104 x 360	125 x 128 x 420	197 x 267 x 525	199 x 226 x 670
Units per Box	10	6	1	
Box Dimensions / mm	394 x 535 x 226	444 x 392 x 265	N/A	



LITH-EX TROLLEY FIRE EXTINGUISHER

Achieve results that are unobtainable with conventional extinguishing agents and prevent the propagation of fire with a Lith-Ex 25 or 50 litre trolley fire extinguisher unit.

EXTINGUISHER AVD TYPE	AVD 25 Litre	AVD 50 Litre
Volume of Agent / l	25	50
Agent	AVD	AVD
CE / PED	Yes	Yes
Approximate Weight in Working Order / kg	55	100
Height ~ / mm	970 ±10	1090 ±10
Width / mm	558	558
Cylinder Ø / mm	350	350
Typical Hose Length / m	5	5
Propellant	Nitrogen (Helium Tracer)	
Operating Temperature Range	+5°C to +60°C	
Working Pressure / bar *	8	8
Supply Bottle / bar	160	160
Discharge Time / mins	3.5	7
Attack Distance / m	5	5





BRIGHT FOCUS

YOUR PARTNER IN EV WORKSHOP SAFETY

Unit 6, Barbeque Heights, 5 Dytchley Rd, Barbecue Downs, Kyalami, 1684

GAVIN DONALD

📞 083 309 9730

✉ gavin@brightfocus.biz

🌐 www.brightfocus.biz

LOUISE DONALD

📞 082 802 9761

✉ louise@brightfocus.biz

🌐 www.brightfocus.biz