



Electrical Safety Products for Safe Working on Electric and Hybrid Vehicles



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Unquestionably there are new and inherent risks associated with the maintenance and repair of Electric Vehicles. In contrast to conventional vehicles, such as:

- ▶ Short circuits creating explosions and fires
- ▶ Exposed connections and the presence of high voltage cable which has the potential for electric shock, resulting in serious death or injury
- ▶ Components that may retain a dangerous voltage even when a vehicle is switched off
- ▶ Harmful gases and liquids released when batteries are damaged
- ▶ Vehicles silently moving and people not aware
- ▶ Components that may move unexpectedly due to magnetic forces

The electrical safety cabinet for EV Maintenance has been developed and built by EFO to enable safe working for Trained and Certified Mechanics and Technicians who perform service and maintenance on EV and Hybrid vehicles. The dust and water-resistant cabinet has been designed to be wall mounted and easily accessible. The contents are based on many of the requirements of AS 5732:2015 Electric Vehicle Operations Maintenance and Repair.

Standard wall mounted kits are available from EFO for working on Hybrid and Electrical Vehicles which consist of a range of personal protective equipment, insulated tools, and signage.

Part No. EVWKIT

**WE CAN ALSO CUSTOMISE THESE WALL MOUNT KITS
TO SUIT THE WORKSHOP REQUIREMENTS.**



EFO DIGITAL MULTIMETER

CAT IV 600V CAT III 1000V

LCD Display Illuminates Red to indicate
a potentially dangerous touch voltage >50V

Part No. GBM1000



KLEIN INSULATION / VOLTMETER

CAT IV 600V and CAT III 1000V safety rating
125V, 250V, 500V, and 1000V test voltages

Part No. ET600



BATTERY STORAGE CAUTION SIGN

POLY 450 X 300mm

Part No. RESSCAUTION



SERVICE CAUTION SIGN

POLY 450 X 300mm

Part No. EVCAUTION



MAGNETIC ROOF SIGN "HIGH VOLTAGE DANGER"

PART NO. MRS-EV



MAGNETIC ROOF SIGN "HV BATTERY ISOLATED"

Part No. MRS-ISOLATED



STEERING WHEEL LOCKOUT

50cm

Part No. SWC50



EV DANGER SIGN

Can be used in conjunction with bunting and bollards to create an exclusion zone around the vehicle

Poly 120mm x 410mm

Part No. EVDANGER



DISPOSABLE LOCKOUT DANGER TAG "DO NOT OPERATE"

Poly tags with reinforced brass eyelet

Box of 100

Part No. DLT1-100



REUSABLE LOCKOUT DANGER TAG "DO NOT OPERATE"

Thick laminated tags with reinforced brass eyelet

Pack Of 10

Part No. DLT1-10



RED PLASTIC BODIED LOCKOUT PADLOCK

Part No. DPBL-KD-R



BURNS KIT

Supplementary burns kit as an addition to the general First Aid Kit that maybe on site in case of an Arc Flash Burn occurring

Part No. EV-BURNKIT



EV 1000V INSULATED SOCKET SET

1000V VDE IEC60900

Kit consists of:

3/8 Reversible Ratchet

3/8 Deep Sockets 8,10,11,12,13,14 mm

Open Spanners 10,12 mm

Short Extension

Adjustable Wrench 250mm

Part No. EV1000KIT



1000V INSULATED CABLE SHEARS

Manufactured according to IEC60900

Length 250mm

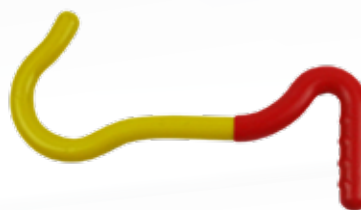
Part No. 11825



GROUP LOCKOUT BOX

Can be used for storing the EV isolator or key fob where multiple technicians are involved. Each worker can have their own keyed lock issued.

Part No. GLBOX



EFO LV RESCUE CROOK

Fibreglass crook with an additional insulated handle to provide double insulation, type tested to 10KV. Heavy construction to break a victim away when they cannot release their grip

Part No. RCBM



1000V INSULATED TORQUE WRENCH 3/8 5-25NM

1000V VDE IEC 60900

Correct tensioning of the electric motor terminals

Part No. 43138



1000V VDE INSULATED SCREWDRIVER SET

Slotted: 0.5×3.0×100, 0.8×4.0×100, 1.0×5.5×1, 1.2×6.5×150 Phillips: PH1×80, PH2×100

Grip and sleeve manufactured according to EN 60900 standard

Part No. 32607

INSULATED GLOVE SIZING CHART

Measure the width of the hand with a soft cloth tape measure as shown below.

If the measurement is exactly eight inches (203 millimetres), then you would select a size eight glove.

To avoid hand fatigue, order the next larger size for all measurements that are not exact inch/millimetre measurements.

8 - 9 Inches	203 - 229 Millimetres	Size - 8
9 - 10 Inches	229 - 254 Millimetres	Size - 9
10 - 11 Inches	254 - 279 Millimetres	Size - 10
11 + Inches	279 + Millimetres	Size - 11



EFO 1000V INSULATED GLOVES

360mm Long, Rolled Cuff, CLASS 0 IEC60903

Rated Working Voltage 1000V AC/ 1500V DC

Part No. RG1000 – *(Size 8,9,10,11)



GLOVE COTTON LINER

UNIVERSAL SIZING

Part No. KCGL



PROTECTIVE LEATHER OVER GLOVE

Part No. ILPG – *(Size 8,9,10,11)



1000V GLOVE KIT

Cotton knitted inner glove liners

Insulated gloves 1000V AC/ 1500V DC Class 0 IEC 60903

Cowhide over gloves to provide mechanical protection

Canvas glove bag

Part No. GLOVEKIT1000 – *(Size 8,9,10,11)



EFO INSULATED MAT HV

CLASS 0-4 IEC 61111-2009 1M X 1M X 5mm

Part No. MATHV



STORAGE & PROTECTIVE CARRY BAG FOR MATHV

Velcro straps and carry handle

Part No. MATBAG



LITHIUM IRON FIRE EXTINGUISHER 4 LITRE

Lithium-Ion Extinguisher is compliant to Australian Standard AS/NZS 1841.2

Non-corrosive, non-toxic, non-hazardous, and fully biodegradable

Fluorine-free, contains no PFOA, PFOS

Water base

Part No. FEV4F-500



SALISBURY ARC FLASH FACE SHIELD

ATPV rating of 12 cal/cm, HRC2
Meets current ANSI Z87.1, CSA and tested
to ATSM F2178 specifications

Part No. AS1200HAT



ARC FLASH HELMET BAG PADDED

Part No. AFH-BAG



INSULATING BLANKET

1200mm x 2000mm

Class 0, 1000V AC / 1500V DC

Protection of personnel from accidental contact with live
or earthed electrical conductors, apparatus or circuits and
avoidance of short circuits on electrical installations

Made of elastomer of high dielectric properties

Electrical insulating blankets conform to IEC 61112

Part No. IB1200



DIELECTRIC SAFETY BOOT

The next generation in Dielectric footwear providing
unrivalled levels of comfort.

whilst protecting against electrical and arc flash threats.

Meets electrical standards – EN 50321:2018 (Class 2)
(20kV), ASTM F1117 (20kV).

SureGrip outsole, resistant to oil, acid and heat.

Sizes – Womens 6 -11; Mens 4-14

Part No. DSB00T*(SIZE)

**A FULL RANGE OF ARC FLASH FIRE RATED
COVERALLS AND COATS AVAILABLE**

