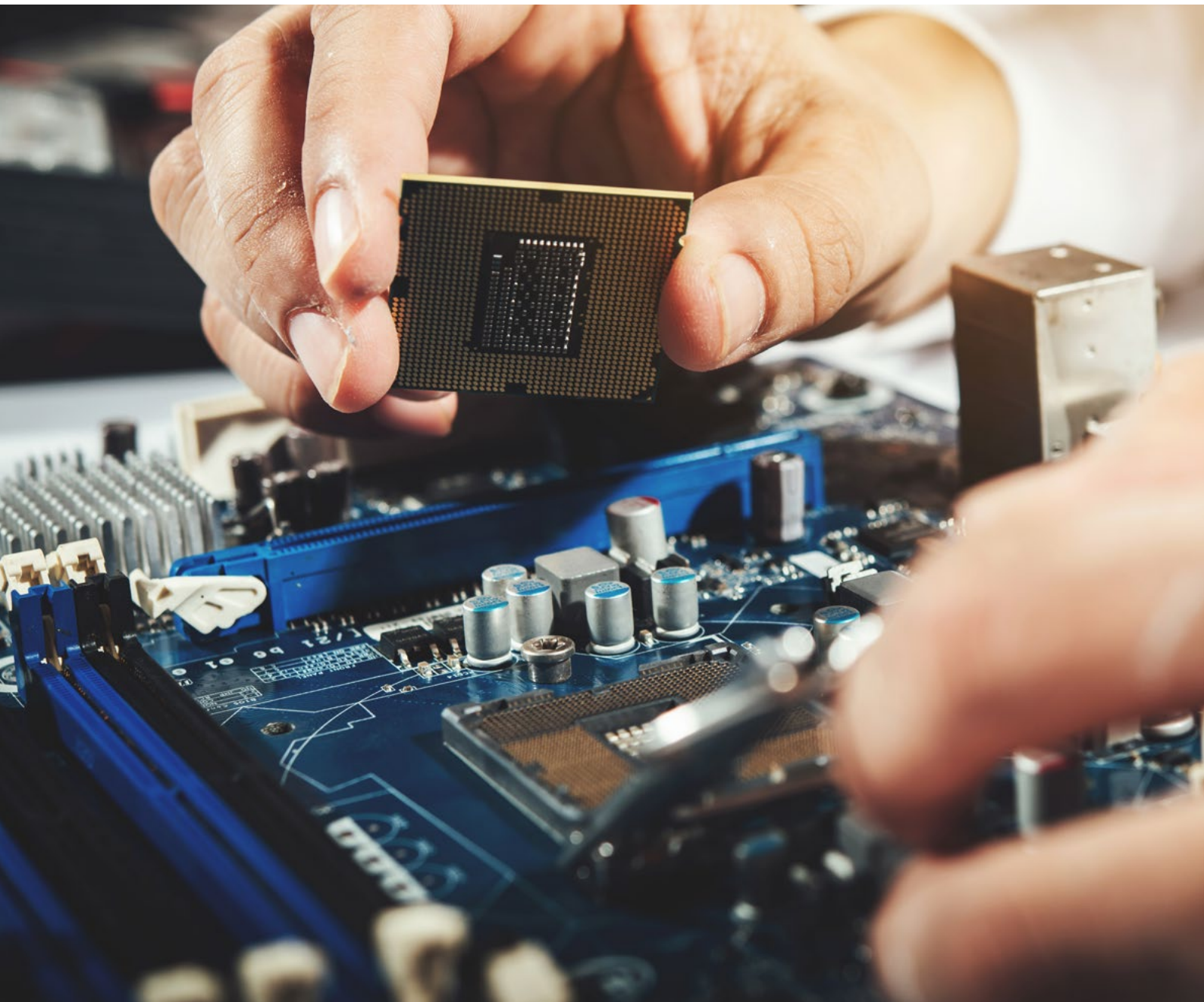**AN INDUSTRY LEADING UK BRAND**

PRODUCT GUIDE

Elmdene International Limited is a world class manufacturer of electronic products for the Fire and Security Industries.

ABOUT
ELMDENE INTERNATIONAL

With over **60 years** of specialist experience in designing and manufacturing fire and security products, Elmdene is the dependable choice for quality products.

Built to integrate seamlessly into an infinite variety of systems Elmdene's products, above all, deliver peace-of-mind to system integrators, manufacturers and installers.

Established in 1963, with a manufacturing plant based in Portsmouth (south coast of England), our business has been built on a philosophy that insists our products are made to the highest standards. Our range also continues to expand with the changing needs of the industry, customers and end users.

> " The true proof of our quality is in the **lifetime warranty** we offer on our power supplies. "
>
> *- Elmdene International Ltd.*

ONGOING SUPPORT

Elmdene has earned a great reputation from partnerships, bringing comprehensive technical knowledge, manufacturing expertise and first-class project management to each unique solution brought to market.

OUR
PSU SOLUTIONS

FULL PRODUCT DEVELOPMENT PROCESS

Having vast experience with product development, Elmdene is a choice partner that manages the full process: From generating concepts, through to production and then finally - technical support.

IN-HOUSE CAPABILITIES

- In-house Design Team for Custom Branding Opportunities.
- Concept and 3D Modelling.
- Expert Advice on Bespoke Solutions and Leading Power Supply Design.
- Dedicated, Fast-Reacting Sales and Technical Support.

Underpinning our capabilities

- Elmdene has a Quality Management System accredited to ISO 9001:2015 and specialises in manufacturing products to quality and technical standards from across the world, including VdS, Nfa2p, INCERT, UL and Kiwa.

PRODUCTION EXPERTISE

- Mechanical Design
- Electronic Design
- Plastic Moulding
- Software Development
- Tooling Expertise
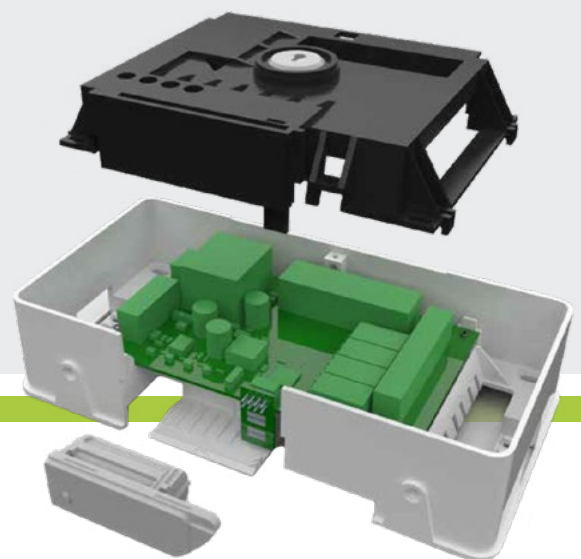
ELMDENE
ACCREDITATIONS

We are accredited to BS EN9001 for our quality management system and compliant to ISO 14001 for environmental management. We work to meet the requirements of quality and technical standards around the world.

We are proud of having the following industry recognised accreditations:

- UL294 Access Control PSU Range
- EN54-4 Fire Range
- EN50131-6 (system 5) PSUs for intruder systems

GREEN CREDENTIALS

Actively seeking opportunities for environmental friendliness is a key duty for us. We build energy efficiency into our products as much as possible, both from an environmental responsibility perspective, and a cost and longevity perspective.

Our switch mode power supply units are typically 80-87% efficient. This is a significant difference that can help save your customer money while helping them meet their own green commitments.

We are committed to living up to our green philosophy, and as a result, we are compliant to **ISO 14001** as well as the **WEEE (2012/19/EU)** and **RoHS (2011/65/EC)** EU Environmental Directives.

For more information click here.

Switch Mode Technology

ELMDENE PRODUCT RANGE
OVERVIEW

Fire

General

Access Control

Intruder

HOW TO SELECT A PSU

WHAT SYSTEM IS BEING PLANNED?

FIRE
Fire Detection, Fire Alarm, AOV

ACCESS CONTROL
General Access Control Systems

INTRUDER
Intruder Alarm Systems

IS THIRD PARTY COMPLIANCE REQUIRED?

	COMPLIANCE STANDARD	SYSTEMS	RELEVANT PRODUCT RANGES
FIRE	EN54-4	European Fire Standard for Fire detection and Alarm Systems	STX Range
	EN12101-10	European Fire Standard for Smoke and Heat control systems	ST Range
	UL864	US Standard for Fire (Latin America, Middle East)	STX UL Range
	NONE	No specific compliance	TR Range, G Range N 24V, G Range BM 24V
ACCESS CONTROL	UL294	Access Control Equipment	ACCESS UL Range,
	NONE	No specific compliance	ACCESS Range with Universal Backplates
INTRUDER	EN50131-6	Intrusion System Standard	GEN Series
		EN50131-6:2017 Compliant	Li-Power to power your communication devices
	NONE	No specific compliance	G Range N 12V, G Range BM 12V

WHAT ARE THE POWER REQUIREMENTS?

VOLTAGE	CURRENT	BATTERY SIZES
12V, 24V	1A, 2A, 3A, 4A, 5A, 8A, 10A, 16A	1.2Ah, 7Ah, 8Ah, 17Ah, 18Ah, 24Ah, 38Ah, 65Ah

These power requirements determine the enclosure size.

DOES PSU NEED MONITORING?

- Mains Fail
- PSU Fault
- Battery Fault
- Battery Deep Discharge Protection

Some PSUs feature LED indicators that visually alert you to faults for quick diagnostics.

EXTRA FEATURES TO CONSIDER

FEATURE	DESCRIPTION
Tamper Protection	Alerts if PSU enclosure is opened or removed
Fused Outputs	Enables powering and protection of multiple devices
FIRE FOM	Independent fused output module controlled by fire alarm panel
DIN Rail Mountable	Power modules can be fixed on standard DIN rails for custom installations

NEED HELP?

Speak to one of our experts

FIRE & AOV
SOLUTIONS

DESIGNED IN BRITAIN

LIFETIME WARRANTY

FIRE
POWER SUPPLIES

			STX range	ST range	TR range
Output Voltage	24V dc	27.6Vdc output for 24V devices	●	●	●
Input Voltage	110VAC		●		
	240VAC		●	●	●
Output Current	1A	Maximum rated load current	●	●	●
	2A	Maximum rated load current	●	●	●
	3A	Maximum rated load current	●	●	●
	4A	Maximum rated load current	●	●	●
	5A	Maximum rated load current	●	●	
	8A	Maximum rated load current	●		
	10A	Maximum rated load current	●		
Features	SLA Battery Charging	On-board battery charging for emergency backup lead-acid batteries	●	●	
	Low battery warning	Signal to warn battery voltage level is getting low	●	●	
	Mains fail warning	Signal to warn mains power has been lost	●	●	
	PSU Fault warning	Signal to warn the PSU has an internal fault	●	●	
	Battery Fault warning	Signal to warn the battery has a fault	●	●	
	Battery deep discharge protection	Low battery cut-off, which prolongs the life of battery	●	●	
	LED indication	Visual identificaiton on PSU lid	●	●	●
	Multiple fused outputs (glass fuse) - options	Multiple fused outputs enable multiple devices to be powered, with glass fuse protection		●	
	Remote control of output/Fire Alarm interface	Enables a fire alarm signal to remotely operate the PSU output (on/off)			●
Mounting options	Steel enclosure (white)	Enclosure for PSU and battery is made from steel	●	●	●
	DIN rail fixing / module only	Power module is able to fix to standard DIN rail for custom installations	o	o	
	Lifetime Warranty	Standard warranty for Elmdene PSUs	●	●	●
	Operating Temp -10 to +40oC	PSU will operate to full load within these temperatures	●	●	●
Product Standards	CE/UKCA compliant	Minimal requirement for electronic products within UK and EU	●	●	●
	UL approved	UL approval needed for USA, South America and Middle East markets	UL-EU		
	VDS approved	German approval body		●	
	EN54-4 approved (CPR)	Mandatory requirement for fire power supplies	●	●	
	EN12101-10 approved (CPR)	Mandatory requirement for AOV (Automatic Opening Vent) power supplies		●	
	System Level 5 approved (FPC)	Extra approval for Factory (Spain market)	●	●	
	BS7273 compliant (door retainer)	Complies with Fire door retainer installation guidance			●
Application	Fire	Complies with Fire door retainer installation guidance	●	●	
	AOV			●	
	Door Retainer				●

● = Included / o = Optional

24V STX RANGE
EN54-4 APPROVED

Switch Mode Technology

OVERVIEW

This range of switch mode power supplies has been designed and is certified for fire systems to **EN54-4:1997**, **A1:2002** & **A2:2006**.

FEATURES

- 27.6V dc output
- Intelligent battery charging and monitoring - utilises Elmdene Eco-Charge technology
- Remote fault signalling
- Full rated current to load plus additional current for battery charging
- Serial communication available for OEM applications on request

Find out more

Part Number	Amp Rating	Dimensions	Will Fit Battery Size
STX2401-T	1.0	300 H x 240 W x 60 D	2 x 12V 1.2Ah
STX2401-C		275 H x 330 W x 80 D	2 x 12V 7Ah
STX2402-C	2.0		
STX2402-E		420 H x 400 W x 80 D	2 x 12V 17Ah
STX2405-C	5.0	275 H x 330 W x 80 D	2 x 12V 7Ah
STX2405-E		420 H x 400 W x 80 D	2 x 12V 17Ah
STX2410-E	10.0		
STX2410-H	8.0	420 H x 420 W x 180 D	2 x 12V 38Ah
STX2410-E + BATT-BOX-65-BLACK	7.2	420 H x 400 W x 80 D	2 x 12V 65Ah
	N/A	534 H x 465 W x 267 D	

Approvals & Certification

STX certified by UL to:
EN54-4:1997, A1:2002, A2:2006

UK CA   CE

If you're looking for more personalised advice, don't hesitate to reach out to one of our experts and we'll be happy to assist.

Speak to one of our experts

FIRE

24V ST RANGE
EN12101-10 & EN54-4 APPROVED

Switch Mode Technology

VdS

OVERVIEW

A range of power supplies specifically designed for fire alarm systems and certified by VDS (VdS 2541) to EN54-4 and for AOV systems to EN12101-10 by AFNOR.

FEATURES

- 1A, 2A and 5A versions
- 7Ah, 12Ah, 24Ah, 38Ah, 65Ah battery options
- Exterior Engineers Diagnostic LED, allowing for faster system diagnosis
- Dual outputs allow for compliant remote installation, from control panel (Dual Path) or used as two independent monitored outputs.
- Additional battery box available for 5A models

Find out more

Part Number	Amp Rating	Dimensions	Will Fit Battery Size
2401ST-C	1.0	275 H x 330 W x 80 D	2 x 12V 7Ah
2402ST-C	2.0	275 H x 330 W x 80 D	
2402ST-E		420 H x 400 W x 80 D	2 x 12V 17Ah / 18Ah
2402ST-H		420 H x 420 W x 180 D	2 x 12V 24Ah / 38Ah
2405ST-C	5.0	275 H x 330 W x 80 D	2 x 12V 7Ah
2405ST-E		420 H x 400 W x 80 D	2 x 12V 17Ah
2405ST-H		420 H x 420 W x 180 D	2 x 12V 24Ah / 38Ah
BATT-BOX-65-BLACK	N/A	534 H x 465 W x 267 D	2 x 12V 65Ah

Approvals & Certification

EN54-4/ A2 -
"Fire detection and Alarm Systems": Certified by VDS

EN12101-10 -
"Smoke and Heat control systems": Certified by AFNOR

If you're looking for more personalised advice, don't hesitate to reach out to one of our experts and we'll be happy to assist.

Speak to one of our experts

FIRE

STX UL864 RANGE

Switch Mode Technology

UL LISTED

OVERVIEW

LAUNCHING SOON

A range of UL864 listed auxiliary power supplies, available in 2A and 5A variants, providing an installation with 24Vdc power to Fire alarm devices.

FEATURES

- 27.6V dc output
- Available in 2A and 5A output variants
- Additional charge current available
- Battery Deep Discharge Protection
- Red, steel lockable enclosures
- Mains and Fault LED indication
- Full fault monitoring with diagnostic LED
- Temperature compensated battery charging
- Enclosures accommodate 2 x 12V batteries
- Approved to UL864 (10th Edition)
- Limited Lifetime warranty

Contact Us

Part Number	Amp Rating	Dimensions	Will Fit Battery Size
STX2402-UL-G	2.0	H444 x W252 x D110	2 x 12V 8Ah to 55Ah (> 8Ah requires external battery enclosure)
STX2405-UL-G			
STX2402-UL-D	5.0	H508 x W408 x D88	2 x 12V 18Ah to 55Ah (> 18Ah requires external battery enclosure)
STX2405-UL-D			

Approvals & Certification
UL864 Listed

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Speak to one of our experts

24V DOOR RETAINER POWER SUPPLY RANGE

OVERVIEW

Designed for fire and access control applications that require control of the power supply output. For example, to power door retainers, with a link to the fire panel in order to switch off the output to the doors in the event of a fire alarm activation. All models are configurable for Fail Safe operation, complying to BS7273.

FEATURES

- 27V dc nominal output
- Remote control of output
- **Choice of switching options:**
  - Closing of a normally open Volt-free contact
  - Opening of a normally closed Volt-free contact
  - Removal of an external 24V dc supply
- BS7273 Compliant
- Mains transient protection

Part Number	Amp Rating	Dimensions
TRS1	1.0	185 H x 200 W x 53 D
TR2	2.0	200 H x 230 W x 80 D
TR4	4.0	

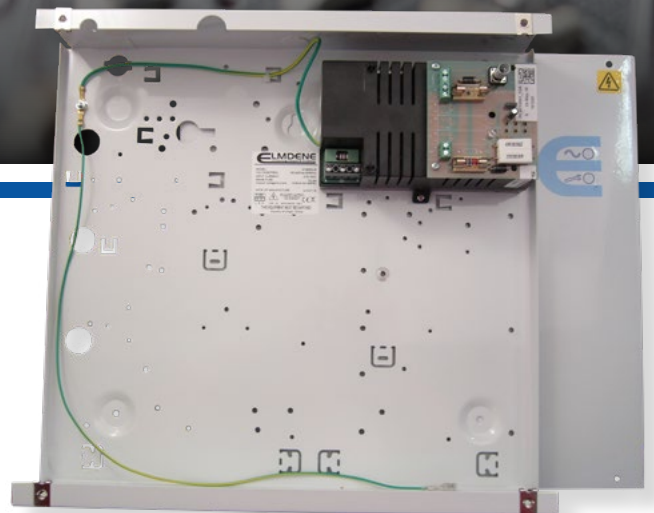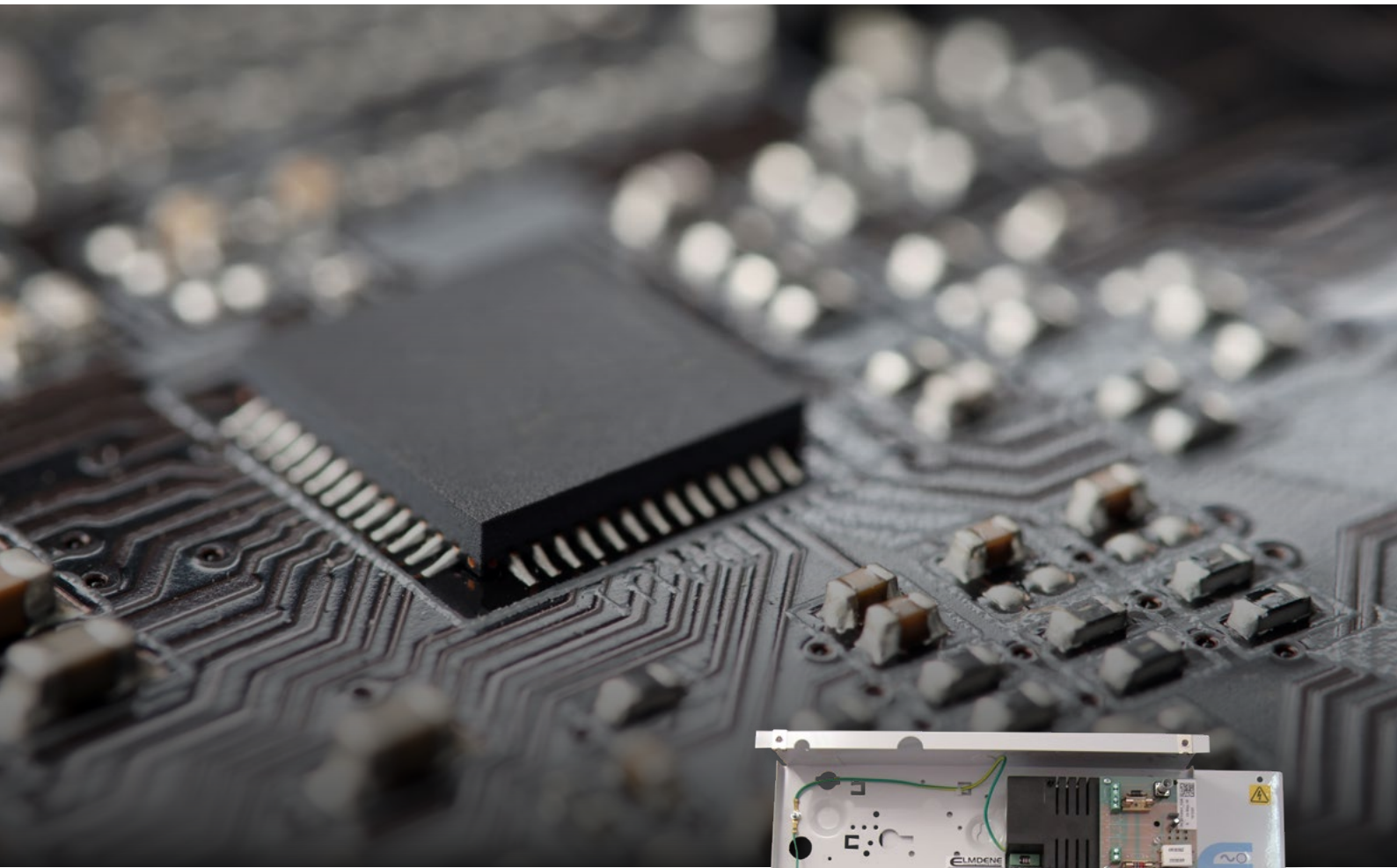Note: This range is not suitable for use with standby batteries.

Find out more

If you're looking for more personalised advice, don't hesitate to reach out to one of our experts and we'll be happy to assist.

Speak to one of our experts

STANDBY POWER FOR
GENERAL APPLICATIONS

SECURITY POWER SUPPLIES
PRODUCT RANGE

			12V G range N	12V G range BM	Switchable range	24V G range N	24V G range BM
Output Voltage	12V dc	13.8Vdc output for 12V devices	●	●	●		
	24V dc	27.6Vdc output for 24V devices			●	●	●
Input Voltage	110VAC		●	●	●	●	●
	240VAC		●	●	●	●	●
Output Current	1A	Maximum rated load current	●	●	●	●	●
	2A	Maximum rated load current	●	●	●	●	●
	3A	Maximum rated load current	●	●	●	●	●
	4A	Maximum rated load current	●	●	●	●	●
	5A	Maximum rated load current	●	●	●	●	●
	8A	Maximum rated load current			●		
	10A	Maximum rated load current		●			●
Features	SLA Battery Charging	On-board battery charging for emergency backup lead-acid batteries	●	●	●	●	●
	Lid Tamper	Signal to warn lid has been opened	●	●	●		
	Wall Tamper	Signal to warn PSU has been removed from wall		●	●		
	Low battery warning	Signal when battery voltage becomes low		●			●
	Mains fail warning	Signal to warn mains power has been lost		●	●		●
	PSU Fault warning	Signal to warn the PSU has an internal fault		●			●
	Battery Fault warning	Signal to warn the battery has a fault		●			●
	Battery deep discharge protection	Low battery cut-off, which prolongs the life of battery		●			●
	LED indication	Visual identificaiton on PSU lid	●	●	●	●	●
	12/24V switchable outputs	Output can be switched from 12V to 24V via manual switch	o	o		o	o
	Multiple fused outputs (glass fuse) - options	Multiple fused outputs enable multiple devices to be powered, with glass fuse protection			●		
	Independant ancillary relay	A separate relay that can be used to signal or trigger independent events	●	●	●	●	●
Mounting options	Steel enclosure (white)	Enclosure for PSU and battery is made from steel	●	●		o	o
	DIN rail fixing / module only	Power module is able to fix to standard DIN rail for custom installations	●	●	●	●	●
	Lifetime Warranty	Standard warranty for Elmdene PSUs	●	●	●	●	●
	Operating Temp -10 to +40oC	PSU will operate to full load within these temperatures	●	●	●	●	●
Product Standards	CE/UKCA compliant	Minimal requirement for electronic products within UK and EU	●	●	●	●	●
Typical Application	General Purpose		●	●	●	●	●
	Access Control		●	●	●	●	●
	CCTV		●	●	●	●	●

● = Included / o = Optional

12V G RANGE
N SERIES (UNMONITORED)

OVERVIEW

This range has a regulated highly stable output supplying full rated current to load, plus additional battery charge and a universal mains voltage input charging (90 to 264V ac).

Also suitable for Access Control and Intruder systems

Switch Mode Technology

FEATURES

- 13.8V dc output
- Full rated current to load + 0.5A battery charging
- Modular construction means easy maintenance and upgrading
- Cost effective switch mode
- Front tamper protection
- Energy efficient
- Available boxed or PSU module only
- Battery leads included with unboxed models

Find out more

Part Number	Amp Rating	Dimensions	Will Fit Battery Size
G13801N-A	1.0	200 H x 230 W x 80 D	1 x 7Ah
G13802N-A	2.0	200 H x 230 W x 80 D	1 x 7Ah
G13802N-B		330 H x 355 W x 80 D	1 x 17Ah
G13802N-C		275 H x 330 W x 80 D	
G13803N-A	3.0	200 H x 230 W x 80 D	1 x 7Ah
G13803N-B		330 H x 355 W x 80 D	1 x 17Ah
G13803N-C		275 H x 330 W x 80 D	
G13804N-B	4.0	330 H x 355 W x 80 D	
G13804N-C		275 H x 330 W x 80 D	
G13804N-4-C	4 x 1A		
G13805N-B	5.0	330 H x 355 W x 80 D	
G13805N-C		275 H x 330 W x 80 D	

Part Number	Amp Rating	Description	Dimensions
G13802NU	2.0	Unboxed DIN RAIL Mountable (Battery leads included)	134 L x 84 W x 42 H
G13803NU	3.0		
G13804NU-4	4 x 1.0		152 L x 106 W x 71 H
G13805NU	5.0		

If you're looking for more personalised advice, don't hesitate to reach out to one of our experts and we'll be happy to assist.

Speak to one of our experts

12V G RANGE
BM SERIES (MONITORED)

OVERVIEW

Ideal for applications requiring mains and battery monitoring with fault outputs in addition to battery deep discharge protection.

Also suitable for Access Control and Intruder systems

Switch Mode Technology

FEATURES

- 13.8V dc output
- Full rated current to load + 0.5A battery charging
- Mains and battery monitoring 2x Volt free fault outputs
- Low battery warning
- Battery deep discharge protection
- Front and rear tamper protection
- Battery leads included with unboxed models

Find out more

Part Number	Amp Rating	Dimensions	Will Fit Battery Size
G13802BM-A	2.0	200 H x 230 W x 80 D	1 x 7Ah
G13802BM-C		275 H x 330 W x 80 D	
G13803BM-B	3.0	330 H x 355 W x 80 D	
G13804BM-B	4.0	330 H x 355 W x 80 D	
G13804BM-C		275 H x 330 W x 80 D	1 x 17Ah
G13804BM-4-B	4 x 1A	330 H x 355 W x 80 D	
G13805BM-B	5.0	330 H x 355 W x 80 D	
G13805BM-C		275 H x 330 W x 80 D	
G13810BM-8-C	10 x 1A	275 H x 330 W x 80 D	2 x 7Ah
G13810BM-8-R		410 H x 390 W x 86 D	2 x 17Ah

Part Number	Amp Rating	Description	Dimensions
G13802BMU	2.0	Unboxed DIN RAIL (Battery leads included)	152 x 106 x 52
G13803BMU	3.0		152 x 106 x 71
G13805BMU	5.0		

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Speak to one of our experts

24V G RANGE
N SERIES (UNMONITORED)

OVERVIEW

Standard range of 24V dc power supplies with closely regulated output and universal mains input designed for general purpose applications.

Switch Mode Technology

FEATURES

- 27.6V dc output
- Full rated current to load + 0.5A battery charging
- Boxed and un-boxed versions
- Electronic overload protection
- Universal mains input
- 1A, 2A & 3A variants DIN rail mountable
- Battery leads included with unboxed models

Find out more

Part Number	Amp Rating	Dimensions	Will Fit Battery Size
G2401N-C	1.0	275 H x 330 W x 80 D	2 x 12V 7Ah
G2402N-C	2.0	275 H x 330 W x 80 D	2 x 12V 7Ah
G2403N-C	3.0	275 H x 330 W x 80 D	2 x 12V 7Ah
G2405N-C	5.0	275 H x 330 W x 80 D	2 x 12V 7Ah
G2405N-R		410 H X 390 W x 86 D	2 x 12V 17Ah

Part Number	Amp Rating	Description	Dimensions
G2402NU	2.0	Unboxed DIN RAIL (Battery leads included)	152 x 106 x 71
G2403NU	3.0		152 x 106 x 71
G2405NU	5.0	Unboxed (Battery leads included)	157 x 143 x 55

If you're looking for more personalised advice, don't hesitate to reach out to one of our experts and we'll be happy to assist.

Speak to one of our experts

24V G RANGE
BM SERIES (MONITORED)

OVERVIEW

Ideal for applications requiring mains and battery monitoring with fault outputs in addition to battery deep discharge protection.

Switch Mode Technology

FEATURES

- 27.6V dc output
- Full rated current to load + 0.5A battery charging
- Mains and battery monitoring
- Low battery warning
- 2x Volt free fault outputs
- Battery deep discharge protection
- Boxed and unboxed versions
- Battery leads included with unboxed models

Find out more

If you're looking for more personalised advice, don't hesitate to reach out to one of our experts and we'll be happy to assist.

Speak to one of our experts

Part Number	Amp Rating	Dimensions	Will Fit Battery Size
G2401BM-C	1.0	275 H x 330 W x 80 D	2 x 12V 7Ah
G2402BM-C	2.0	275 H x 330 W x 80 D	2 x 12V 7Ah
G2403BM-C	3.0	275 H x 330 W x 80 D	2 x 12V 7Ah
G2405BM-C		275 H x 330 W x 80 D	2 x 12V 7Ah
G2405BM-R	5.0	410 H X 390 W x 86 D	2 x 12V 17Ah
G2405BM-H		420 H x 420 W x 180 D	2 x 12V 38Ah
G2410BM-E	10.0	420 H x 400 W x 80 D	2 x 12V 17Ah

Part Number	Amp Rating	Description	Dimensions
G2402BMU	2.0	Unboxed DIN RAIL (Battery leads included)	152 x 106 x 71
G2403BMU	3.0		152 x 106 x 71
G2405BMU	5.0	Unboxed (Battery leads included)	157 x 143 x 55
G2410BMU	10.0		245 x 135 x 60

12-24V SWITCHABLE RANGE

OVERVIEW

A range of power supplies featuring a selectable 12V / 24V dc output to suit your required application.

Switch Mode Technology

FEATURES

- Output selectable between 12V and 24V dc
- 4A/2A, 6A/3A, 8A/4A options at 12V/24V dc
- 7Ah or 17Ah battery options
- Mains fail relay fault output
- Independent ancillary relay
- Tamper protection

Find out more

Part Number	Amp Rating 13.8V/27.6V	Fused Outputs	Dimensions	Will Fit Battery Size
G1224-42N-C	4A / 2A	1	275 H x 330 W x 80 D	12V Mode: 1 x 12V 7Ah

24V Mode: 2 x 12V 7Ah |
G1224-63N-C	6A / 3A			
G1224-84N-C	8A / 4A	1		
G1224-84N-4-C		4		
G1224-84N-8-C		8		
G1224-84N-R	8A / 4A	1	410 H x 390 W x 86 D	12V Mode: 1 x 12V 17Ah

24V Mode: 2 x 12V 17Ah |
| G1224-84N-H | 8A / 4A | 1 | 420 H x 420 W x 180 D | 24V Mode: 2 x 12V 38Ah |

Part Number	Amp Rating 13.8V/27.6V	Fused Outputs	Description	Dimensions
G1224-42NU	4A / 2A	1	Unboxed	157 x 143 x 55
G1224-63NU	6A / 3A			
G1224-84NU	8A / 4A			

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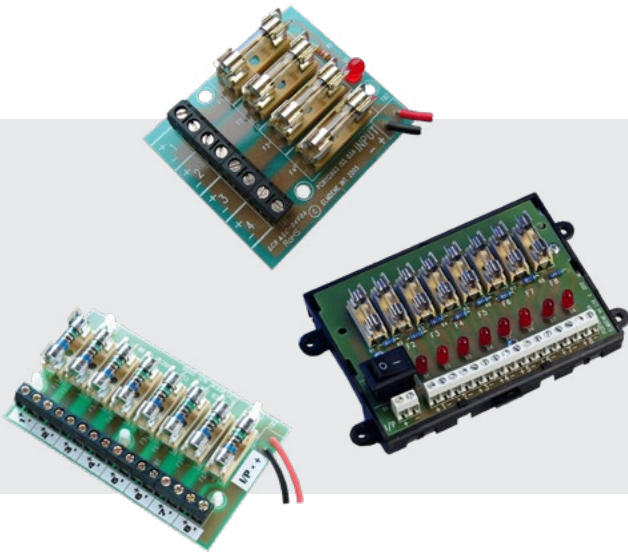
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FUSED OUTPUT MODULES

OVERVIEW

These fused output modules can be used to provide 4 or 8 individually fused outputs from a single PSU output.

Find out more

FEATURES

- 4 or 8 individually fused outputs
- Health indicator
- Indvidual health LEDs and PTC options on request
- Ideal for CCTV and Access Control applications
- DIN rail version
- 3 year warranty

Part Number	Dimensions
FOM-4	60 L x 50 W x 33 D
FOM-8	94 L x 66 W x 33 D
FOM8-DIN	134 L x 84 W x 35 D

FIRE FOM RELAYS

This range provides independent fused outputs which can be controlled by means of either a Volt Free contact (N/O or N/C) or a low voltage signal (12V dc), such as a fire alarm panel output.

Find out more
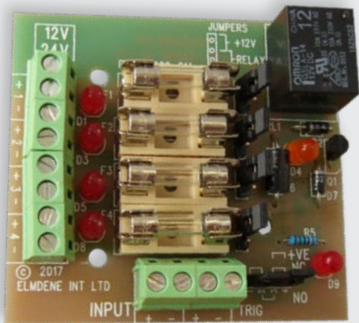
FEATURES

- Multiple Trigger configurations
- Contact rating: 10A @ 12Vdc
- Each output selectable for switched or permanently on

Part Number	Dimensions
FIREFOM-12-4	4 way 12V Fire Relay
FIREFOM-12-8	8 way 12V Fire Relay
FIREFOM-12-12	12 way 12V Fire Relay

ACCESSORIES

OVERVIEW

A range of accessories that can be added to any PSU, for specific installation requirements.

MAINS FAIL RELAY

- To provide Mains Fail indication using a volt-free relay contact
- N/C (Fail safe) operation & monitoring
- Supplied with PCB standoffs
- Ideal for use with Power Supplies where mains fail signalling is required

Find out more

Part Number	Description	Dimensions
MFR-1	230Vac Mains Fail Relay	60 L x 50 W x 33 D

MULTI PURPOSE RELAYS

- Provides two sets of relay changeover contacts
- Low current consumption
- Supplied with sticky feet for fixing

Find out more

Part Number	Voltage	Dimensions
MPR001	12V	72 L x 26 W x 20 D
MPR002	24V	

REGULATOR MODULE

- Regulator board with selectable output voltage 12V or 24Vdc (by onboard jumper)
- Nominal Output 24Vdc +/- 5% at 2A (max)
    - Input range : 23Vdc - 28Vdc
- Nominal Output 12Vdc +/- 5% at 4A (max)
    - Input range : 12Vdc - 28Vdc

Find out more

Part Number	Dimensions
REG1224-MOD	55 L x 42 W x 30 D

NEW

UNIVERSAL ENCLOSURES

**Tailored for general purpose applications
Engineered by Elmdene**

Providing solutions with universal compatibility

Benefits

- **Compatibility**
  Compatible with *any* third-party device, including control boards, communicators and modules.

- **Tamper proof**
  Provided with front and rear tampers as standard.

- **Ease of installation**
  Third-party devices easily installed without drilling holes; all fixings supplied.

- **Versatile**
  Available in medium and large variants to accommodate a range of device sizes (or multiple devices).

Find out more

Part No	Description
UNIVERSAL-ENC-M	Medium tampered enclosure with universal backplate 330H x 377W x 90D (mm)
UNIVERSAL-ENC-L	Large tampered enclosure with universal backplate 500H x 400W x 90D (mm)
UNIVERSAL-ENC-XL	Extra large tampered enclosure with universal backplate 515H x 478W x 146D (mm)
UNIVERSAL-ENC-XXL	High-capacity enclosure with universal backplate 750H x 759W x 194D (mm)

STEP 1:
CHOOSE THE ENCLOSURE

STEP 2:
CHOOSE THE POWER MODULE

OR:
CHOOSE ANY OF THE PRE-CONFIGURED ACCESS UNIVERSAL RANGE ON PAGE 24

SOLUTIONS COMPATIBLE WITH
MAJOR ACCESS CONTROL SYSTEMS

			ACCESS range	ACCESS UL range	POE-ULTRAPOD
Output Voltage	12V dc	13.8Vdc output for 12V devices	●	●	●
Input Voltage	110VAC		●	●	
	240VAC		●	●	
	PoE				●
Output Current	1A	Maximum rated load current	●	●	●
	2A	Maximum rated load current	●	●	●
	3A	Maximum rated load current	●	●	●
	4A	Maximum rated load current	●	●	
	5A	Maximum rated load current	●	●	
	8A	Maximum rated load current	●	●	
Features	SLA Battery Charging	On-board battery charging for emergency backup lead-acid batteries	●	●	●
	Lid Tamper	Signal to warn lid has been opened	●	●	●
	Wall Tamper	Signal to warn PSU has been removed from wall	●	●	
	Low battery warning	Signal when battery voltage becomes low	o	o	●
	Mains fail warning	Signal to warn mains power has been lost	o	o	●
	Battery deep discharge protection	Low battery cut-off, which prolongs the life of battery	o	o	●
	LED indication	Visual identificaiton on PSU lid	●	●	●
	Mounting Holes for Access controllers	Enables correct fitment of various access controllers	●	●	●
	12/24V switchable outputs	Output can be switched from 12V to 24V via manual switch	o	o	
	Multiple fused outputs (glass fuse) - options	Multiple fused outputs enable multiple devices to be powered, with glass fuse protection	o		
	Multiple fused outputs (PTC fuse)	Multiple fused outputs enable multiple devices to be powered, with self-resetting fuse protection		●	
	Independant ancillary relay	A separate relay that can be used to signal or trigger independent events	o	o	
	Remote control of output/Fire Alarm interface	Enables a fire alarm signal to remotely operate the PSU output (on/off)		●	
Mounting options	Lockable enclosure	Uses key and lock to secure enclosure lid	o	o	
	Steel enclosure (white)	Enclosure for PSU and battery is made from steel	●	●	●
	DIN rail fixing / module only	Power module is able to fix to standard DIN rail for custom installations			o
	Lifetime Warranty	Standard warranty for Elmdene PSUs	●	●	
	Operating Temp -10 to +40oC	PSU will operate to full load within these temperatures	●	●	●
Product Standards	CE/UKCA compliant	Minimal requirement for electronic products within UK and EU	●	●	●
	UL approved	UL approval needed for USA, South America and Middle East markets		UL294	
	FCC compliant	EMC compliance for US market			●
Typical Application	General Purpose				●
	Access Control		●	●	●
	CCTV				●

● = Included / o = Optional

ACCESS CONTROL

MULTI-ACCESS-PSU12

NEW

OVERVIEW

Enterprise-Grade Access Control PSU Engineered by Elmdene

Designed to support large access control systems, the enclosure is ideal for high-security environments such as **data centres, airports, transportation hubs, healthcare and pharmaceutical facilities.** With the capacity to house **up to 24 access control devices,** it ensures seamless integration and centralised management of large-scale security infrastructures.

Find out more

Features

- Utilises Elmdene's unique Universal mesh design, providing complete installation flexibility
- Customisable power configurations – can fit up to 3 power modules of your choice
- Front + rear tampers
- Ease of installation:
  - Wall mountable
  - Provided with 4 x hinged Universal panels
  - Fully removable cover
  - Extensive fixing kits supplied, including a range of screws and PCB standoffs
  - Cable management fixings provided
- Separate enclosed compartment for batteries

Part No	Description	Controller Capacity
MULTI-ACCESS-PSU12	High Capacity Enclosure with 1 x Switchable PSU 12V 8A / 24V 4A with 8-way Fused Output Module H750 x W759 x D194 (mm) Max Battery: 3 x 12V 38Ah / 6 x 12V 17Ah	12 Large controllers or 24 Small controllers

Compatible Power Supply Modules (sold separately)

Part Number	Voltage and Amp Rating	Mains Fail Reporting	Battery Monitoring	PSU Monitoring
G1224-42NU	12V 4A / 24V 2A	●		
G1224-63NU	12V 6A / 24V 3A	●		
G1224-84NU	12V 8A / 24V 4A	●		
G13803BMU	12V 3A	●	●	●
G13805BMU	12V 5A	●	●	●
G2403BMU	24V 3A	●	●	●
G2405BMU	24V 5A	●	●	●

ACCESS CONTROL

ACCESS-PSU RANGE

NEW & IMPROVED

Switch Mode Technology

MULTI-ACCESS-PSU6

OVERVIEW

Designed for universal compatibility, these power supplies are specifically engineered to support a wide variety of access control systems and devices, ensuring seamless power integration with any door controller. This Universal Mesh design eliminates the need for manual drilling or additional equipment, making installation easier and more efficient.
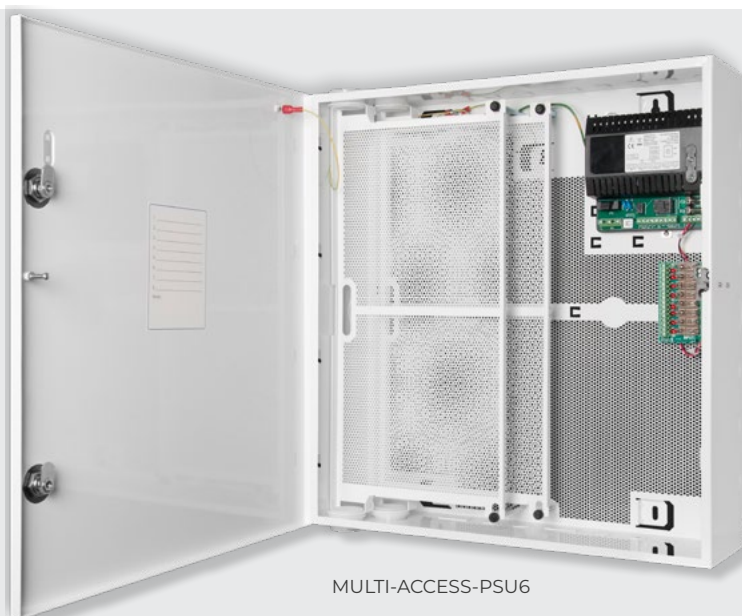
Features

- 13.8V dc output
- Compact, single and multi-controller enclosures
- Fixings supplied for common controllers/modules
- Mains fail fault output (excluding ACCESS-PSU-N)
- Front & rear tamper protection
- Switchable 12V / 24V dc versions available
- Universal 90 to 264V ac mains input range
- Bespoke models and branding available

Find out more

Key Benefits

Universal Compatibility
Seamless integration with a wide variety of access control devices, including popular door controllers such as ACT, InnerRange, Hikvision, Paxton, Nedap, Salto.

Superior Airflow
Engineered enclosure with optimal ventilation, ensuring your system runs efficiently and prevents overheating, improving the system's lifespan.

Lifetime Warranty
Provides peace of mind with a lifetime warranty, ensuring long-term reliability and continued performance of your access control system.

Approvals & Certification
UKCA | CE Mark
RoHS Compliant

NEED A PSU FOR A LARGER SYSTEM APPLICATION?

Contact Us

ACCESS-PSU RANGE

NEW & IMPROVED

Part No	Description	Max. Battery Size	Controller Capacity
ACCESS-PSU-N	13.8Vdc 2A N-Range SMPSU 275H x 330W x 80D (mm), 3.3kg	12V 17Ah	Supports 1 controller: PAXTON; SALTO
ACCESS-PSU	13.8Vdc 2A BM SMPSU 275H x 330W x 80D (mm), 3.3kg	12V 7Ah	Supports 1 controller: NEDAP; PAXTON; SALTO ADI HUB PRO; CDVI; HONEYWELL IB2 I/O
ACCESS-PSU1	13.8Vdc 4A BM SMPSU 4-way Fused Output Module 330H x 377W x 90D (mm), 4.0kg Lockable enclosure	12V 7Ah	Supports 1 Large controller or up to 2 Small controllers
ACCESS-PSU2	13.8Vdc 4A BM SMPSU 4-way Fused Output Module 500H x 400W x 90D (mm), 6.1kg Lockable enclosure	12V 17Ah	Supports 2 Large controllers or up to 4 Small controllers
ACCESS-PSU2-8A	13.8Vdc 8A or 27.6Vdc 4A Switchable SMPSU 4-way Fused Output Module 500H x 400W x 90D (mm), 6.4kg Lockable enclosure	12V 17Ah	Supports 2 Large controllers or up to 4 Small controllers
MULTI-ACCESS-PSU2	13.8Vdc 8A or 27.6Vdc 4A Switchable SMPSU 8-way Fused Output Module 515H x 478W x 146D (mm), 6.4kg Lockable enclosure	12V 17Ah	Supports 2 Large controllers or up to 4 Small controllers
ACCESS-EXP-PLATE	Single Expander Plate for MULTI-ACCESS-PSU2 (2 max)		
MULTI-ACCESS-PSU6	13.8Vdc 8A / 27.6Vdc 4A, Switchable SMPSU 8-way Fused Output Module 515H x 478W x 146D (mm), 11.5kg Lockable enclosure	12V 17Ah	Supports 6 Large controllers or up to 12 Small controllers. 40mm depth between panels.

POWER SUPPLY FEATURES

Part No	Switchable Output 12V/24V	Mains Fail Reporting	Battery Monitoring	Volt Free Fault Outputs	Ancillary Relay
ACCESS-PSU-N					
ACCESS-PSU		●	●	●	
ACCESS-PSU1		●	●	●	
ACCESS-PSU2		●	●	●	
ACCESS-PSU2-8A	●	●			●
MULTI-ACCESS-PSU2	●	●			●
MULTI-ACCESS-PSU6	●	●			●

If you're looking for more personalised advice, don't hesitate to reach out to one of our experts and we'll be happy to assist.

Speak to one of our experts

ACCESS-UL-PSU RANGE

Switch Mode Technology

UL EU

Designed for compatibility with most common access control door controllers, our UL294 certified access control PSU range offers incredible installation flexibility and time saving for system designers.

Enclosures are engineered to accommodate multiple door controllers for power integration within access control systems - for robust power management to ensure seamless operation.

Features

- Certified to UL294
- Compact, multi-controller enclosures
- PCB mounts for common controllers
- Unique enclosure design
- Front & rear enclosure tampers
- Mains Fail relay output
- Independent ancillary relay (8A version)
- Full rated current to load + 0.5A battery charging
- LED Fault indication

Find out more

DESIGNED IN BRITAIN

LIFETIME WARRANTY

Part No	Description	Max. Battery Size	Controller Options	Qty
ACCESS-UL-PSU1	13.8Vdc 4A BM SMPSU 4-way Fused Output Modules, 440H x 250W x 115D (mm), 4.5kg	12V 7Ah	Mercury Security: EP2500; EP1502; EP4502; MR52; MR16IN; MR16OUT	1
			Mercury Security: EP1501; MR51e; MR50 ProWatch (Honeywell): PW6101	2
ACCESS-UL-PSU2	13.8Vdc 4A BM SMPSU 4-way Fused Output Modules, 505H x 407W x 80D (mm), 7.5kg	12V 17Ah	Mercury Security: EP2500; EP1502; EP4502; MR52; MR16IN; MR16OUT; MR50	2
			Mercury Security: EP1501; MR51e ProWatch (Honeywell): PW6101	4
MULTI-ACCESS-UL-PSU6	13.8Vdc 8A SMPSU, 8-way Fused Output Modules 515H x 478W x 146D (mm), 11.5kg	12V 17Ah	Mercury Security: EP2500; EP1502 ; EP4502 ; MR52 ; MR16IN ; MR16OUT	6
			Mercury Security: EP1501; MR51e; MR50 ProWatch (Honeywell): PW6101	12

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Speak to one of our experts

POE ULTRAPOD™

Features

- Converts PoE input to 12V dc output
- Provides 12V dc, up to 3A to the device with an additional 0.5A for battery charging (PoE++required)
- Offers battery back-up on loss of input PoE power
- **Provides remote fault monitoring outputs:**
  - PoE Input failure
  - Battery Low
- Data pass through for IP connections
- **Powered remotely by:**
  - PoE++ (PoE 802.3bt)
  - PoE+ (PoE 802.3at)
  - PoE (PoE 802.3af)
- Enclosures for POE Ultrapod module are available separately

POE-ULTRAPOD-MOD comes with a 3 year warranty.

Find out more

PoE+ OR PoE++

0.5A Battery Charging

Data

12Vdc
1.5A or 3.0A
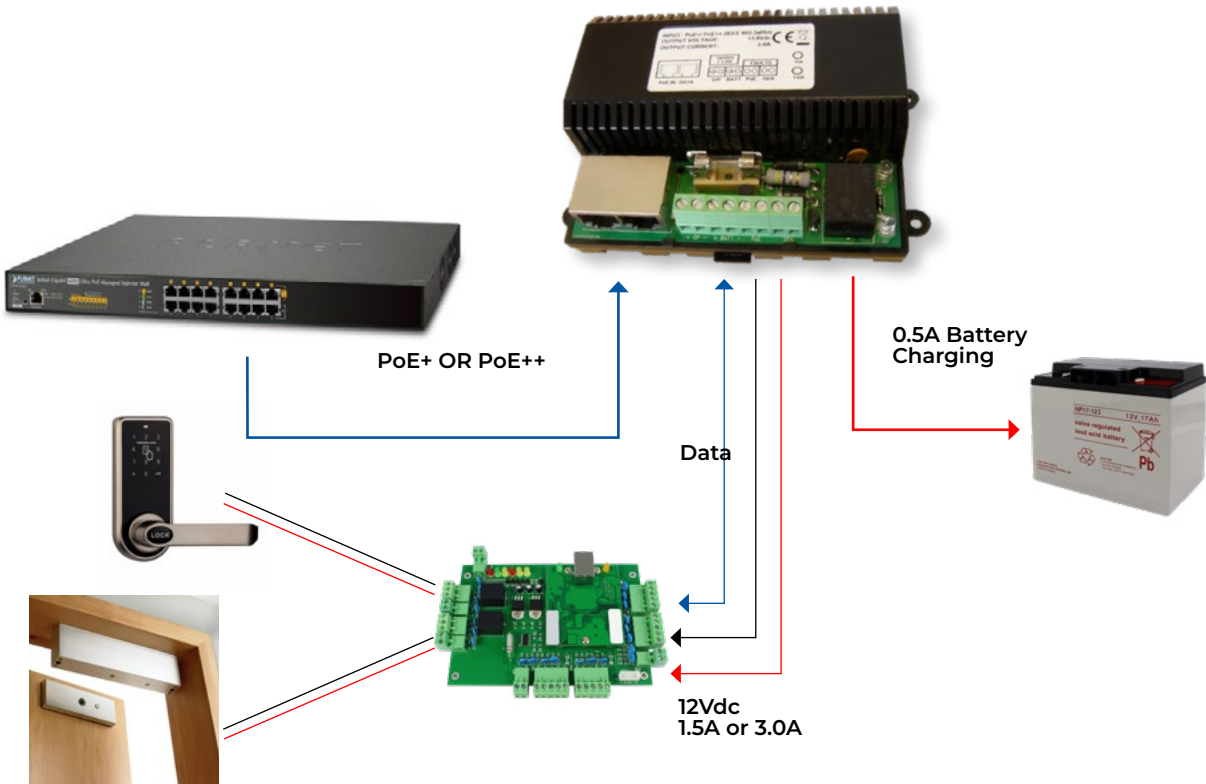
Part Number	Description	Dimensions
POE-ULTRAPOD-MOD	POE++ splitter DIN mountable module with battery charging and 12V 3A output	40 H x 125 W x 85 D

ACCESS CONTROL ANCILLARIES

TOUCHLESS EXIT BUTTON

OVERVIEW

IR Access Control Devices for Internal and External Installation

- Touchless Exit Button solutions for contactless door control
- Infra-Red (IR) devices to work with Access Control systems
- Ideal for clean environments or high-traffic areas
- Designed to prevent any interference with other infra-red devices
- Adjustable latch time 0.5 - 30 seconds
- Adjustable trigger distance 4 - 15cm
- Infra-red sensor: 100,000 hours
- Relay: 1,000,000 operations
- 1 Year warranty

DESCRIPTION

IR Exit Buttons are touch-free devices designed to work with access control systems, for contactless door control.

Using IR Exit Buttons reduces contact and transmission of infections in high traffic areas such as hospitals, food preparation rooms, care homes and schools.

Find out more

TECHNICAL SPECIFICATIONS

Supply Voltage	12-24Vdc
Output Loading	N/A
Maximum Current	1A
Contacts Available	NO and NC
Operating Temperature	-20C - +70C

APPROVALS
CE Mark

Part Number	Description
AMS-EBIR3-RG	Stainless steel 86mm x 86mm x 15mm*, 100g Red LED turns Green when activated (interchangable)
AMS-EBIR-BOX	Surface mount box, 28mm Chrome effect plastic

*fits standard UK switch boxes

COMPLIANT PSUS FOR
INTRUDER SYSTEMS

DESIGNED IN BRITAIN

LIFETIME WARRANTY

INTRUDER
POWER SUPPLIES

			GEN range
Output Voltage	12V dc	13.8Vdc output for 12V devices	●
Input Voltage	110VAC		●
	240VAC		●
Output Current	1A	Maximum rated load current	●
	2A	Maximum rated load current	●
	3A	Maximum rated load current	●
Features	SLA Battery Charging	On-board battery charging for emergency backup lead-acid batteries	●
	Lid Tamper	Signal to warn lid has been opened	G2 G3
	Wall Tamper	Signal to warn PSU has been removed from wall	G3
	Low battery warning	Signal when battery voltage becomes low	●
	Mains fail warning	Signal to warn mains power has been lost	●
	PSU Fault warning	Signal to warn the PSU has an internal fault	●
	Battery Fault warning	Signal to warn the battery has a fault	●
	Battery deep discharge protection	Low battery cut-off, which prolongs the life of battery	●
Mounting options	Steel enclosure (white)	Enclosure for PSU and battery is made from steel	●
	DIN rail fixing / module only	Power module is able to fix to standard DIN rail for custom installations	●
	Lifetime Warranty	Standard warranty for Elmdene PSUs	●
	Operating Temp -10 to +40oC	PSU will operate to full load within these temperatures	●
Product Standards	CE/UKCA compliant	Minimal requirement for electronic products within UK and EU	●
	EN50131-6 Grade 2 approved	Mandatory requirement for Grade 2 intruder systems	●
	EN50131-6 Grade 3 approved	Mandatory requirement for Grade 3 intruder systems	o
	System Level 5 approved (FPC)	Extra approval for Factory (Spain market)	o
Typical Application	Intruder		●

● = Included / o = Optional / G2 = Grade 2 / G3 = Grade 3

12V GEN RANGE EN50131-6 APPROVED

Switch Mode Technology

OVERVIEW

Specifically designed for Intruder system applications where compliance to EN50131-6 is required.

GRADE 2	GRADE 3
System 5 Registration	System 5 Registration

FEATURES

- Grade 2 and 3 compliant options
- Mains fail / battery fault monitoring / low output
- Range of battery and enclosure options
- Deep discharge battery protection
- EN50131-6 compliant

Find out more

Part Number	Amp Rating	Dimensions	Will Fit Battery Size
GEN2-08-A	1.0	200 H x 230 W x 80 D	1 x 7 or 8Ah
GEN2-08-B		330 H x 355 W x 80 D	
GEN2-18-B	1.5	330 H x 355 W x 80 D	1 x 17 or 18Ah
GEN2-18-C		275 H x 330 W x 80 D	
GEN3-08-A	1.0	200 H x 230 W x 80 D	1 x 7 or 8Ah
GEN3-08-B		330 H x 355 W x 80 D	
GEN3-18-B	1.5	330 H x 355 W x 80 D	1 x 17 or 18Ah
GEN3-18-C		275 H x 330 W x 80 D	
GEN3-34-R*	3.0	410 H x 390 W x 86 D	2 x 12V 17Ah

*Meets the requirements of EN50131-6

Approvals & Certification

GEN2 Certified with EN50131-6:2017, Kiwa Certified

GEN3 Certified with EN50131-6:2017, Kiwa Certified
(with exception of GEN3-34-R)

PD6662:2017

ISO/IEC guide 67 System 5 Registration, Telefication (Kiwa) Certified - Continued Compliance

If you're looking for more personalised advice, don't hesitate to reach out to one of our experts and we'll be happy to assist.

Speak to one of our experts

LI ⚡ POWER
EN50131-6 COMPLIANT

Lithium Power Technology by Elmdene

Designed to house and power common alarm signalling communicators whilst accommodating and charging in-built Lithium battery packs. Offered in a low-profile, sleek enclosure, it provides a compact and flexible solution for intruder installations at both Grade 2 and Grade 3 requirements (EN50131-6:2017 and PD6662).

FEATURES

- 12V dc power supply with integrated lithium batteries
- Ideal for housing common communication alarm signalling devices
- Provides 150mA to load Mains fail signalling (EPS)
- General PSU fault signalling (GEN)
- Front and rear tamper protection
- Sleek, compact plastic enclosure
- Compliant with EN50131-6 Grade 2 & Grade 3 (2 models available)

BENEFITS

- **Extended Life Expenctancy**
  Compared to SLA batteries

- **Space Saving**
  Compact, sleek design reduces power supply footprint by up to 50%

- **Design Compatibility**
  Designed to accommodate popular brands of communicators, including; CSL, Addsecure, Bosch, Flacon, Permaconn and Radio Data

Part Number	Grade	Dimensions	Description
LPS-12-G2	2	L 266 x W 195 x D 60	12 hour battery backup
LPS-12-G3	3	L266 x W195 x D60	30 hour battery backup
LPS-ENC-T	2 & 3	L260 x W201 x D67 (mm)	Enclosure only with Front & Rear Tampers

Find out more

SIMPLICITY IN POWER SUPPLY INTEGRATION

RAPIER EXTERNAL SOUNDER

OVERVIEW

A range of high quality stainless steel sounders that fully meet the requirements of EN50131-4:2019 Grade 3.

INCERT Approved External Sounder RAPIER-6510 model.

FEATURES

- Low power operation: 10mA standby, 180mA full alarm
- Environmental class IV
- Battery and Piezo self-test with fault output
- 3 year warranty

Part Number	Sound Output at 1M	Dimensions
RAPIER-G3S		
	113dB(A)	342 H x 221 W x 55 D
RAPIER-6510 (INCERT)		

APPROVALS & CERTIFICATION

- PD6662:2017
- EN50131-1:2006 +A1+A2+A3 :2020
- EN50131-4:2019
- EN50130-4:2011+A1:2014
- EN50130-5:2011
- INCERT certified (C-015-1576 valid until 22/7/2028) (RAPIER-6510 model)

Find out more

If you're looking for more personalised advice, don't hesitate to reach out to one of our experts and we'll be happy to assist.

Speak to one of our experts

INTERNAL SOUNDER RANGE

INT400 & 600

INT500

OVERVIEW

A range of internal sounders for use in intruder alarm systems and retail security.
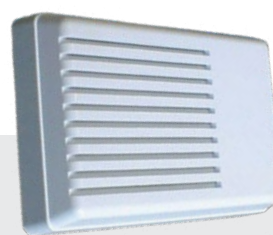
INT RANGE

- Available in three versions:
  - Alarm only
  - Alarm & Exit/Entry
  - Alarm, Exit/Entry & Strobe
- Each with or without internal battery for SAB or direct operation
- 12V dc, with tough polycarbonate cover and backplate.
- 3 year warranty

COMPLIANT TO:

- PD6662:2017
- EN50131-1:2006
- EN50131-4:2019

Find out more

Part Number	Grade	Description	Sound Output at 1M	Dimensions
INT400	3	Alarm only	110dB(A)	110 H x 160 W x 40 D
INT400S	2	Alarm only with NiCad battery for SAB operation		
INT500	3	Alarm & Entry/Exit sounder with strobe		
INT500S	2	Alarm & Entry/Exit with strobe and NiCad battery for SAB operation		
INT600	3	Alarm & Entry/Exit sounder		
INT600S	2	Alarm & Entry/Exit sounder with NiCad battery for SAB operation		

EXTENSION SPEAKERS

- 8Ω and 16Ω units available
- 20W rating
- Tampered Enclosure (16T & 8T Model)
- Polycarbonate enclosure
- 3 year warranty

Find out more

Part Number	Dimensions
TS443-16T	110 H x 110 W x 55 D
TS443-16	
TS443-8T	

MAGNETIC CONTACTS - GRADE 2 AND 3

For use with wired alarm systems, to protect windows, doors and roller shutters. Elmdene have a vast range of Grade 1, 2 and 3 magnetic contacts, in Metal of Plastic, Flush or Surface mount, to suit the application.

Find out more

FEATURES

- Ideal for single or multiple doors
- Cabled or Terminal
- Environmental class II and III
- 5 year warranty

COMPLIANT TO:

- PD6662:2017
- EN50131-1:2006
- EN50131-2-6:2008

GRADE 2 AND 3 METAL AND PLASTIC CONTACTS FLUSH MOUNTED OR SURFACE MOUNTED CONTACTS.

	Part Number	Grade	Env/Class	Type	Potted/Terminal	Metal/Plastic	Operating Gap (mm)	Resistors	Dimensions (mm)
	QFT-GN QFT-RD	2	II	Flush	Terminal	P	10	1k/1k 4k7/2k2	20mm dia
	RFT-RD	2	II	Flush	Terminal	P	10	4k7/2k2	20mm dia
	QST-GN QST-RD	2	II	Surface	Terminal	P	20	1k/1k 4k7/2k2	70 L x 17 W x 15 D
	VHDA-GN	2	II	Surface	Terminal	M/P	42	1k/1k	170L x 25W x 25D
	6RSA-100-GN	2		Roller Shutter	Potted	M	55	1k/1k	150L x 40W x 14D
	EN3-QFC-GN EN3-QFC-RD	3	III	Flush	Potted	P	13	1k/1k 4k7/2k2	20mm dia 27mm depth
	EN3-QSC-GN			Surface	Potted	P	11	1k/1k	70 L x 17 W x 15 D
	EN3-LSC-GN EN3-LSC-RD			Surface	Potted	P	7	1k/1k 4k7/2k2	93 L x 25 W x 25 D
	EN3-RSA-GN EN3-RSA-RD			Roller Shutter	Potted	M	18	1k/1k 4k7/2k2	150 L x 40 W x 14 D

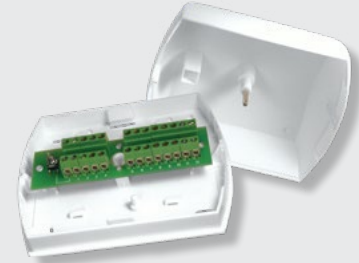*All part numbers within this range are to be purchased in packs of 10.*

JUNCTION BOXES

Overview

Junction boxes featuring a high reliability spring action micro switch for the lid tamper providing real peace of mind when connecting the tamper to the junction box.

The range meets the requirements of PD6662:2017 and EN50131-1:2006+A1:2009.

FEATURES

- Shrouded spring action microswitch tamper
- Clamp style terminals (except EN3-JB9-HD)
- IP67 rating for EN3-JB9-HD
- Accommodates various wiring systems:
  - cable
  - trunking
  - conduit
- 5 year warranty

COMPLIANT TO:

- PD6662:2017
- EN50131-1:2006

	Part Number	Terminations	Grade	Env Class	Dimensions: L x W x D
	EN3-JB10	10 8 + 2 for Tamper			93 x 25 x 26
	EN3-JB26	26 24 + 2 for Tamper	3	II	124 x 100 x 45
	EN3-JB9-HD	9 7+ 2 for Tamper		III	94 x 40 x 25

All part numbers within this range are to be purchased in packs of 10.

Find out more

If you're looking for more personalised advice, don't hesitate to reach out to one of our experts and we'll be happy to assist.

Speak to one of our experts

PANIC BUTTONS

Overview

Grade 3 Double Push Panic Buttons with integral resistors for use with most control panels. Spare terminals allow through connection for multiple units wired to one zone. Special features include integral storage of reset key and anti-loc reset mechanism to ensure unit still operates if reset key is left in the unit and silent operation.

Elmdene Panic Buttons fully comply with «The ACPO 10 Point Plan» and all requirements under EN50131-1:2006 +A1:2009 and PD6662:2017 A1 + A2.
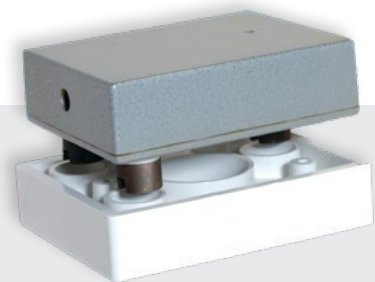
Find out more »

FEATURES

- Silent operation
- FSL and DP connection options
- Multiple control panel/resistor options
- Cover and rear tamper
- 5 year warranty

Part Number	Colour	Dimensions
ELM-PA-G3-W	White	80 L x 62 W x 27 D
ELM-PA-KEY	Set of spare keys for the PA models	

SAFE LIMPETS

Overview

Designed for the protection of Safes, Filing Cabinets, Fruit Machines and any valuable article or piece of equipment that has a ferrous metal exterior. Safe Limpets incorporate multiple detection systems to provide comprehensive protection against attack.

Find out more »

FEATURES

- Grade 3, Environmental class II
- Vibration detection
- Integral analyser
- Thermal sensor
- Proximity sensor
- Magnetic Interference Detection (E20)
- 3 Year warranty

Part Number	Dimensions
LIMPET-E20	120 H x 95 W x 52 D
Keyhole Aperture: 45mm	

POWER SUPPLY ENCLOSURES
REFERENCE GUIDE

A range of enclosure sizes is available for Elmdene power supplies. Use the table provided to identify the enclosure size for your application.

- As standard, boxed power supplies are made from powder coated steel and finished in white

- Unboxed PSU modules can be lug or DIN rail mounted

- All unboxed 12V PSU models are DIN Rail Mountable

This table is provided as an indication of the type of batteries that can fit into the enclosure. The space available will depend on the module configuration within the enclosure.

Enclosure Reference	Dimensions (mm)	Lid Type	With 12V PSU	With 24V PSU & GEN3-34
A	200 H x 230 W x 80 D	Hinge	1 x 7Ah	N/A
B	330 H x 355 W x 80 D	Clam	1 x 17Ah	2 x 7Ah
C	275 H x 330 W x 80 D	Hinge		
D	500 H x 400 W x 80 D			
E	420 H x 400 W x 80 D	Hinge		
G	440 H x 250 W x 115 D			
H	420 H x 420 W x 180 D		1 x 38Ah	2 x 38Ah
R	410 H X 390 W x 86 D	Clam	1 x 17Ah	2 x 17Ah
T	300 H x 240 W x 60 D	Hinge	1 x 2.3Ah	2 x 1.2Ah
Universal-M*	330 H x 377 W x 85 D	Hinge	1 x 7Ah	2 x 7Ah
Universal-L*	500 H x 400 W x 80 D		1 x 17Ah	
Universal-XL*	515 H x 478 W x 146 D		1 x 17Ah	
Universal-XXL*	750 H x 759 W x 194 D	Clam	3 x 38Ah or 6 x 17Ah	

* New enclosures with mesh back plates. Go to page 22 for further information.

YourBrand
by Elmdene

ELMDENE
Potter Global Technologies

Your Logo Here
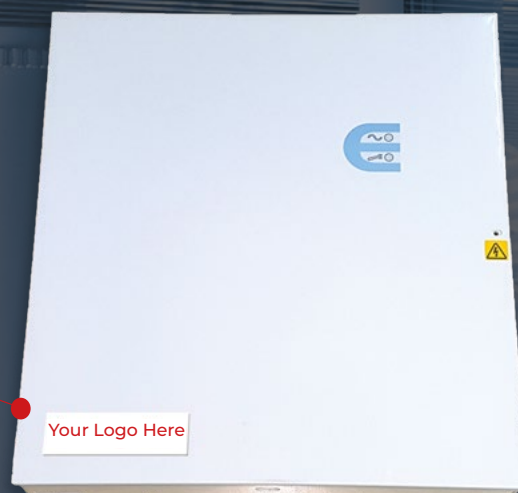
Your Logo Here

Why Choose YourBrand by Elmdene?

Quick setup:
Simply submit your logo and we'll do the rest.

Affordable & Scalable:
Our solution grows with your business needs.

Professional quality:
Brand your installation equipment quickly, ready to impress your customers.

How It Works in 3 Simple Steps:

1

Submit Your Logo
Send us a high-resolution image file of your company logo to: **branding@elmdene.co.uk**

2

Approve the Artwork
We'll send you a proof of your custom label for approval. Once approved, you'll receive a unique part number for ordering.

3

Order with Your Equipment
Your branded labels will be ready to order through your usual purchasing channel, alongside your regular equipment.

Your Brand Here

5 cm

10 cm
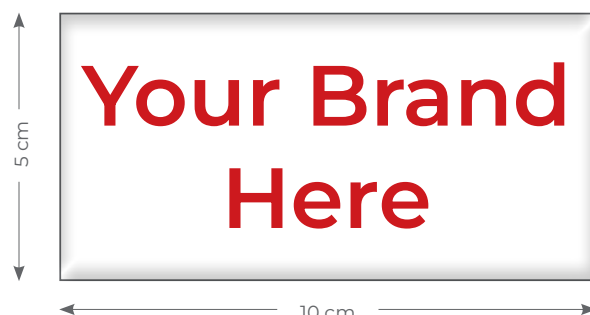
Ready to elevate your installation business?

ELMDENE PRODUCT RANGE
WARRANTIES

Fire

Power Supplies

STX Range	Lifetime
ST Range	Lifetime
STX UL864 Range	Lifetime

General

Power Supplies

G Range	Lifetime

PSU Accessories

Output Modules	3 Years
Relays	3 Years

Ancillaries

UNIVERSAL ENCLOSURES	Lifetime

Access Control

Power Supplies

Access Control PSU Range	Lifetime
MULTI-ACCESS-PSU12	Lifetime

Ancillaries

Exit Buttons	1 Year

Intruder

Power Supplies

GEN Range	Lifetime

Ancillaries

Magnetic Contacts	5 Years
Junction Boxes	5 Years
Panic Alarms	5 Years
External Sounders	3 Years
Internal Sounders	3 Years
Extension Speakers	3 Years
Safe Limpets	3 Years

Lithium Power

Li-Power Range*	Lifetime

Excluding batteries
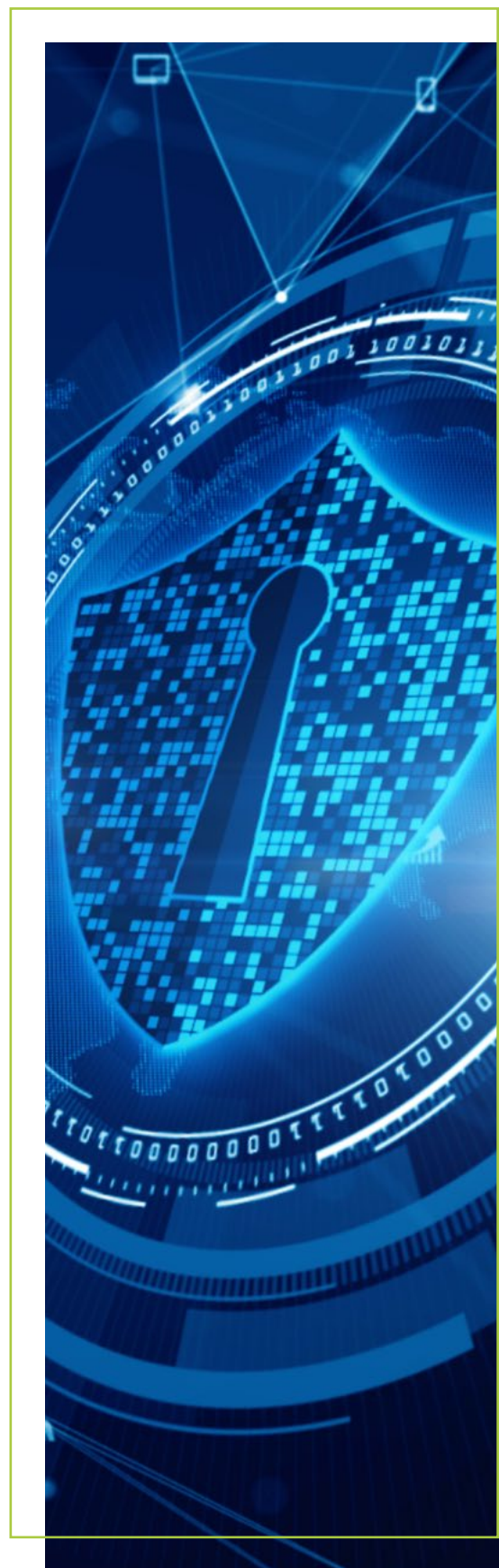
DIN RAIL

12V Ranges

G Range N Series

G13802NU, G13803NU, G13804NU-4,
G13805NU

G Range BM Series

G13802BMU, G13803BMU, G13805BMU

24V Ranges

G Range N Series

G2402NU, G2403NU, G2405NU

G Range BM Series

G2402BMU, G2403BMU

STX

(1A & 2A version)

For Various Applications

WE HOPE YOU GAINED SOME VALUABLE INSIGHT

WE LOOK FORWARD TO STAYING IN TOUCH!

To discover more about Elmdene, or any of our product ranges, get in touch with our team of experts who will be happy to talk about finding an ideal solution for your unique needs.

Get in touch

If you haven't downloaded our **Security & Fire Installations, Your Power Supply Guide** just yet - we highly recommend it.

Download

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