

# '2400 Range'

**24 Volt Power Supply Units**

**High Performance (PT),  
Battery Monitored (BM)**

**Standard Range and  
Door Release Units (TR)**



## ELMDENE

*Security & Fire  
Products*

### *Benefits:*

Range of models from 1A to 5A  
compliant with EN 60590

PT Range approved to EN 54-4

Low cost of ownership due to  
"designed-in" quality

Engineer Friendly for easy installation  
and maintenance

High Reliability for low maintenance  
and operational costs

Optimum battery life and recharge time  
(PT range)

### *Features:*

- ROBUST 1.2MM STEEL BOX, HINGED LID DESIGN
- CONTINUOUS SUPPLY AT FULL-RATED OUTPUT
- FULL CURRENT TO LOAD AVAILABLE WHILST CHARGING BATTERY
- COMPREHENSIVE INDICATION OF BATTERY, MAINS AND FAULT STATUS
- CONTINUOUS BATTERY MONITORING (PT & BM)
- BATTERY BULK CHARGE SYSTEM (PT)
- OVERLOAD PROTECTION ON ALL MODELS - ELECTRONIC ON PT RANGE
- HIGH PERFORMANCE INPUT FILTER ON PT
- FRONT TAMPER, BACK OPTIONAL
- DEEP DISCHARGE BATTERY PROTECTION
- FAULT SIGNALLING RELAY (PT & BM)

*Power Supply Units  
you can rely on*

[www.elmdene.co.uk](http://www.elmdene.co.uk)



ACCESS CONTROL



FIRE

# '2400 Range'

## Specifications

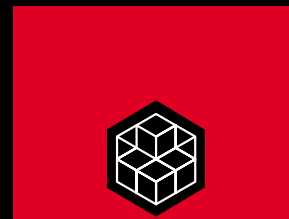
SPECIFICATION	Standard	Battery Monitored (BM)	High Performance (PT)	Door Release (TR)
Nominal Output Voltage	27.6v dc	27.6v dc	27.6v dc	24v dc
Max Continuous Output Current	1, 2, 3 & 5 A	1, 2, 3 & 5A	1, 3 & 5A	2 & 4A
Visual Fault Indicator (Multi LED)	All	All	All	All
Fault Relay for remote signalling	-	All	All	-
Output Fuse Protection	All	All	All	All
Standby Battery Facility	All	All	All	-
Standby Battery Charge Limiting	All	All	All	-
Standby Battery Bulk Charging	-	-	All	-
Deep Discharge Protection	All	All	All	-
Standby Battery Monitoring	-	All	All	-
Voltage Release Relay (24v dc)	-	-	-	All
Optional Output Splitter Module	All	All	All	All
EN 54-4:1998 Compliant**	-	-	All	-
EN 60950:2000 Compliant	All	All	All	All
EN 50130-4:1996, EN 50081-1:1992 Compliant	All	All	All	All
Case A (230 x 200 x 80mm)	-	-	-	All
Case C (330 x 275 x 80mm)	All	All	-	-
Case E (420 x 400 x 80mm)	-	-	All	-
Case H (420 x 400 x 140mm)	option	option	option	-
Typical Applications	Fire Control Panel Access Control General Purpose	Fire Control Panel Access Control Battery Managed	EN 54-4 Compliant Fire Control Panel	Access Control

\*\* Independently tested by UK Loss Prevention Council

Mains Supply:	230V ac + 10%, -15%, 50 Hz
Output Ripple:	50mV rms maximum at nominal input voltage
Recommended Battery Size: (Batteries not supplied)	2 x 7 Ah 12v Lead Acid for 1A, 2A and 3A 2 x 17 Ah 12v Lead Acid for 4A and 5A 2 x 24 Ah 12v Lead Acid for Case H
Environment:	-10°C to 40°C at up to 95% RH
Box Material:	1.2mm powder coated steel, white
Box Rating:	IP41 excluding rear face

Other Power Supplies in the Elmdene Range include 24v dc with battery standby and 12v & 24v ac & dc supplies for CCTV cameras.

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