

'1380 Range'

12 Volt Power Supply Units
High Performance (FS),
and Standard Range



ELMDENE

Security & Fire
Products

Benefits:

Range of models from 1A to 5A
compliant with EN 60950

Low cost of ownership due to
"designed in" high reliability

Range of metal boxes designed to
provide flexibility for fitting
of ancillary boards

More power available than other
similarly rated Power Supplies

Engineer Friendly for easy installation
and maintenance

High Reliability for low maintenance
and operational costs

Features:

- ROBUST 1.2MM STEEL BOX, HINGED LID AND CLAM-SHELL DESIGNS
- CONTINUOUS SUPPLY AT FULL-RATED OUTPUT
- FULL CURRENT TO LOAD AVAILABLE WHILST CHARGING BATTERY (FS)
- COMPREHENSIVE INDICATION OF BATTERY, MAINS AND FAULT STATUS
- REMOTE FAULT SIGNALLING (FS)
- OVERLOAD PROTECTION ON ALL MODELS - ELECTRONIC ON FS RANGE
- MAINS BROWNOUT FILTER ON FS
- FRONT AND BACK TAMPER
- DEEP DISCHARGE BATTERY PROTECTION

*Power Supply Units
you can rely on*

www.elmdene.co.uk



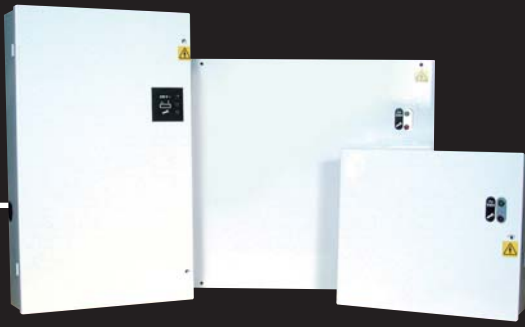
INTRUDER



CCTV



ACCESS
CONTROL



'1380 Range'

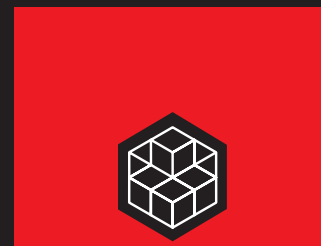
Specifications

SPECIFICATION	Standard	High Performance FS Range
Nominal Output Voltage	13.8v dc	13.8v dc
Max Continuous Load Current	1, 2 ⁺ , 3*, & 4 ⁺	1, 2, 3 & 5A
Standby Battery Facility	All	All
Standby Battery Charge Limiting	All	All
Standby Battery Bulk Charging	-	5A
Deep Discharge Protection	2, 3 & 4A	All
Standby Battery Monitoring	-	5A
Optional Output Splitter Module	2, 3, 4A	3, 4, 5A
Visual Fault Indicator (Multi LED)	All	All
Fault Relay for remote signalling	-	All
Output Fuse Protection	All	All
Tamper – Front	All	All
Tamper - Rear	All	All
EN 60950:2000 Compliant	All	All
EN 50130-4:1996, EN 50081-1:1992 Compliant	All	All
Case A (230x200x80mm)	2A (1390AC)	1 & 2A
Case B (355x330x80mm) Clam shell	2, 3 & 4A	All
Case C (330x275x80mm)	-	1 & 2A
Case I (260x310x90mm) Clam shell	1A (1381)	-
Typical Applications	General Purpose Access Control CCTV	General Purpose Access Control CCTV

⁺Derate available output to load by up to 1.0A to charge standby battery

^{*}Derate available output to load by up to 0.5A to charge standby battery

Mains Supply:	230Vac + 10%, -15%, 50 Hz
Output Ripple:	50mV rms maximum at nominal input voltage
Recommended Battery Size:	1 x 7 Ah 12v Lead Acid for 1A, and 2A (Batteries not supplied) 2 x 7 Ah 12v Lead Acid for 3A, 4A and 5A
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 and Clam Shell cases



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