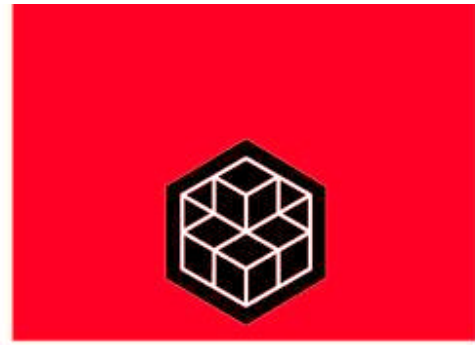


Gemini Range

12 Volt Twin Output
Power Supply Units



www.elmdene.co.uk



ELMDENE

*Security & Fire
Products*

Benefits:

Range of models from 1A +1A to 1A + 4A
compliant with EN 50131-6 & EN60950

2 independent battery backed outputs
providing redundancy of power outputs

Ideal for Access control applications requiring
separate supplies to card reader/controller and
door locks

Remote signalling to meet ACPO requirements

Up to 8 fused circuits can be provided using
optional FOM8 module

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

Engineer Friendly for easy installation and
maintenance

Features:

Continuous supply to load at full-rated output

Full load current available whilst charging
batteries

Comprehensive Indication of battery, mains
and fuse fault status

Separate Remote Fault Signalling for each
output

Battery Deep Discharge protection

Electronic overload and short circuit protection

Mains brown out filter

Front and back tamper

Robust 1.2mm steel box

*Power Supply Units
you can rely on*

Gemini Range

Specifications

Mains supply	230Vac +10% / -15%, 50Hz	
Nominal Output Voltage	13.8Vdc	
Max continuous load current, output 1	1, 2, 3, 4A	
Max continuous load current, output 2	1A	
Output Ripple	<10mV maximum at nominal input voltage	
Recommended Battery Size (Batteries not supplied)	2 x 7 Ah 12v sealed lead acid	
Standby battery facility	✓	
Standby battery charge limiting	✓	
Battery Deep Discharge protection	✓	
Optional Output Splitter module	✓	
Visual Fault Indicator (LED)	1 each for each output	
Fault relay for remote signalling	1 each for each output	
Output fuse protection	✓	
Battery fuse protection	✓	
Reverse battery connection protection	✓	
EN 50131-6:1998	Type	A (with standby batteries fitted)
	Security Grade	2
	Environmental Rating	II
EN 60950:2000 compliant	✓	
EN 50130-4:1996, EN 50081-1:1992 compliant	✓	
Case size	Case B: (355 x 300 x 80mm) clam shell	
Case material	1.2mm powder coated steel, white	
Case IP Rating	IP41 excluding rear face and Clam Shell cases	
Typical Applications	Access Control Intruder ACPO remote signalling General Purpose	

Other Power Supplies in the Elmdene Range include:

- 12vdc and 24vdc with battery standby, and
- 12v and 24v dc and ac supplies for CCTV cameras

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