

# G-RANGE **G-N Series** **Power Supplies**

**High Efficiency Switch Mode 12V**

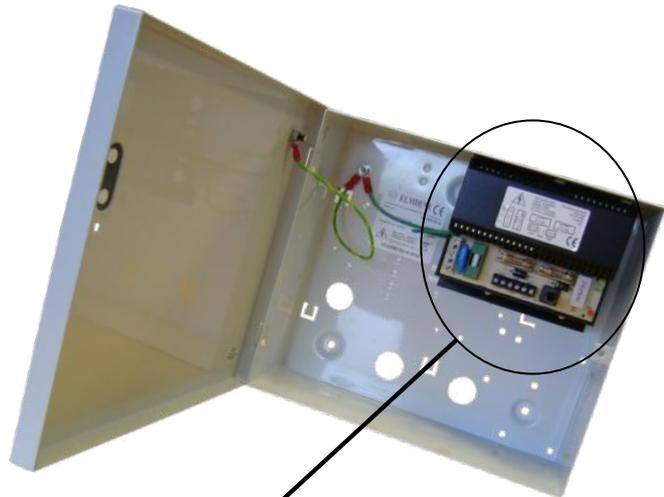
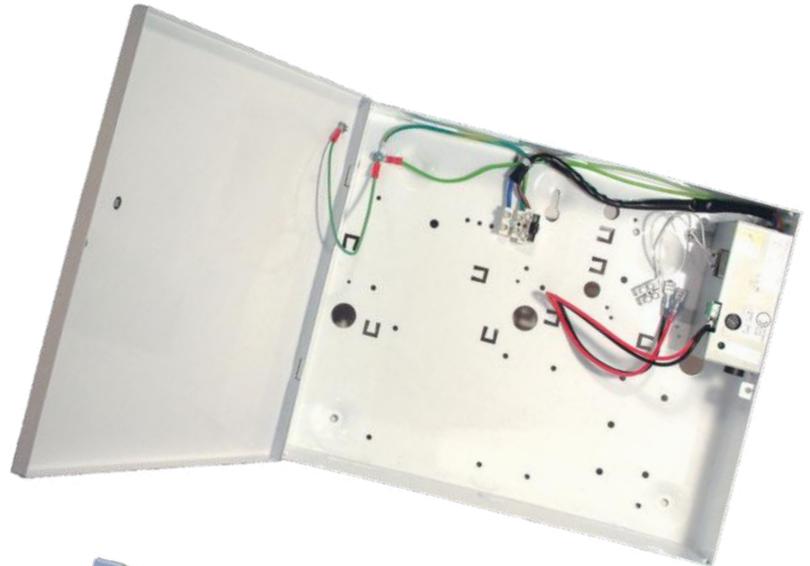
**3 Year Warranty**

High efficiency cost effective range of switch mode power supplies.

The G-N Series power supplies are of modular construction, featuring highly stable regulated output at full rated current to load and universal mains input.

Ideal for Access Control, CCTV and General Security applications.

- ★ **Fully Regulated 13.8V dc Output**
- ★ **High Efficiency Switch Mode operation provides Lower Running Temperature & Lower Running Costs**
- ★ **Modular construction provides for easy Servicing and Upgrade**
- ★ **Full Rated Current To Load**
- ★ **Electronic Short Circuit Protection**
- ★ **Installer Safe, Shrouded High Voltage Electronics**
- ★ **Status Indication on PSU Front Panel**
- ★ **Cover Open Tamper Switch**
- ★ **Replaceable Output and Battery Fuses**
- ★ **Universal 90 - 264V ac Mains Supply**
- ★ **Also Available with 4 or 8 Fused Outputs**



## Power Supply Units You Can Rely On



CCTV



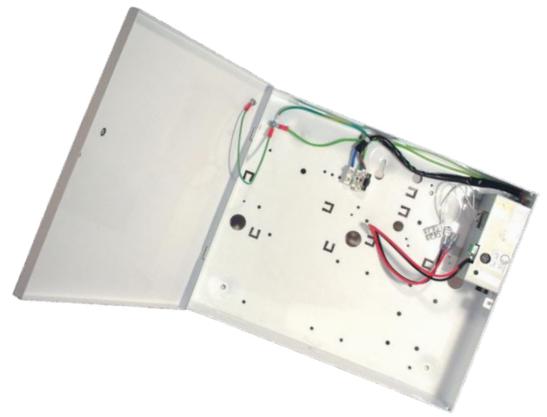
INTRUDER



ACCESS  
CONTROL

# G-RANGE **G-N Series**

## **Power Supplies**



### High Efficiency Switch Mode 12V

Model	Output (A)	Battery (Ah)	Box Size (mm)	Box	Lid
G13801N-A	1	8	200h x 230w x 80d	A	Hinge
G13802N-A	2	8	200h x 230w x 80d	A	Hinge
G13802N-C	2	8	275h x 330w x 80d	C	Hinge
G13803N-A	3	8	200h x 230w x 80d	A	Hinge
G13803N-B	3	18	330h x 355w x 80d	B	Clam
G13803N-C	3	18	275h x 330w x 80d	C	Hinge
G13804N-B	4	18	330h x 355w x 80d	B	Clam
G13804N-C	4	18	275h x 330w x 80d	C	Hinge
G13805N-B	5	18	330h x 355w x 80d	B	Clam
G13805N-C	5	18	275h x 330w x 80d	C	Hinge

#### Compliance

Elmdene Power Supplies are fully compliant with all relevant EU Directives including: LV, EMC, RoHs, WEEE

#### Electrical

Mains Input Voltage 90-264V ac @ 50-60Hz  
 Output Voltage 13.5 - 14.2Vdc (13.8V nominal) on mains power  
 Output Ripple 150mV pk to pk

#### Protection

Mains Fuse 20mm HRC - user replaceable  
 Load & Battery Fuse 20mm Glass - user replaceable  
 Load Protection Short Circuit & Over-Current  
 Battery Protection Short Circuit, Over-Current & Reverse Connection

#### Indicators

Mains LED (Green) Mains Present  
 Fault LED (Red) Fault Condition - 1,2,3A models (Output/Battery fuse fail)

#### Signalling Outputs

Lid Tamper 0.05A @ 24Vac N/O volt free contact (closed when lid secure)

#### Environmental

Operating Range Indoor sheltered: -10 to +40° C

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