

Product information

The STX range of switch mode power supplies has been specifically designed for EN54 compliant fire systems. Available in either 1A, 2A, 5A versions they are certified to EN54-4:1997, A1:2002 & A2:2006. The units include intelligent battery charging using Elmdene's efficient EcoCharge technology, possess mains & battery monitoring with independent volt-free outputs and also feature battery deep discharge protection in the event of a prolonged mains failure. The inclusion of LED indicators provides quick diagnostics of the status of the power supply, while a variety of enclosures offer the installer a choice of standby battery backup options



STX Range 24VDC EN54 PSU Range

Main Feature:

- 27.6V DC output
- Cost effective switch mode technology
- Energy efficient
- More efficient in operation
 - Saves power reducing power bills
 - Longer life in the field
 - Less prone to failure
- Intelligent battery charging and monitoring using Elmdene's EcoCharge technology
- Deep Discharge Protection
- Remote fault signaling
- Full rated current to load plus additional current for battery charging
- LED indication:
 - Mains status
 - Output fault
 - Battery fault
 - Charger fault
- Volt-free fault output -EPS: Mains fail
- Volt-free fault output - PSU fault:
 - Battery fault
 - Charger fault
 - Loss of output
- Mains transient protection
- Color: Grey

Approvals Certified by UL
(EN54-4:1997 +A1: 2002 +A2:
2006) CE Mark RoHS Compliant

Manufacturer: Elmdene International Limited 3 Keel Close, Interchange Park. Portsmouth, Hampshire, PO3 5QD, UK

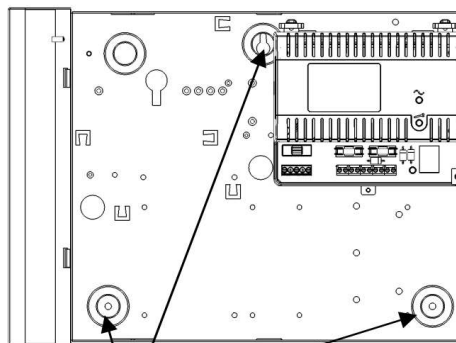
Part Number

P/N	Rating (A)	Max Battery size
STX2401-C-SEC	1A	2 x 12V 7Ah
STX2402-C-SEC	2A	2x12V 7Ah

STX2405-E-SEC 5A 2x12V 17Ah

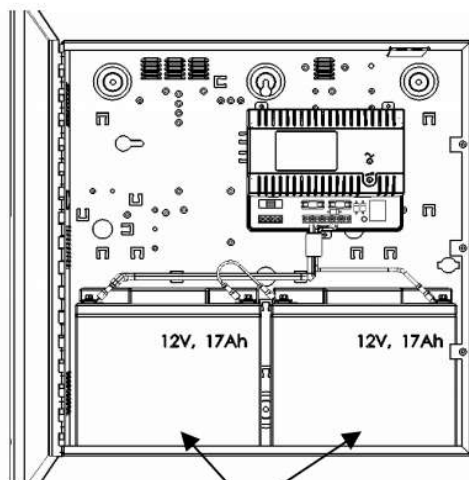
Technical Information

- Main Input: 93-264V ac
- Output: 27.6 V dc
- Operating temperature -10°C to 40°C at 95% RH
- Product Dimensions (mm): 275H x 330W x 80D
- Product Dimensions (mm): 420H x 400W x 80D



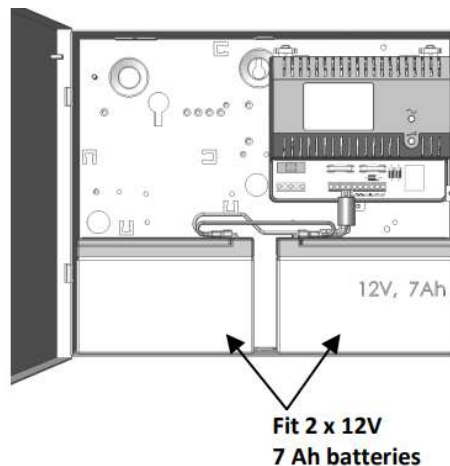
Mounting Points

Connection Wiring



Fit 2 x 12V
17/18 Ah batteries

Dimension (mm)



Fit 2 x 12V
7 Ah batteries

WARNING: ALWAYS FIT 2 BATTERIES and wire in series, the product will NOT work with a single 12 V battery

Securiton AG, Alarm and Security Systems
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