

STX Range 24V dc **EN54 Power Supply Units**



Product Overview

The new STX range of switch mode power supplies has been specifically designed for EN54 compliant fire systems.

Available in either 1A, 2A, 5A or 10A 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 voltfree 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 (see table).



- 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 signalling
- 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
- 10A version can charge up to 2 x 65Ah batteries housed in a separate enclosure (BATT-BOX-65)
- 3 Year warranty



Part Numbers

P/N	Rating (A)	Max Battery Size
STX2401-T	1A	2 x 12V 1.2Ah
STX2401-C	1A	2 x 12V 7Ah
STX2402-C	2A	2 x 12V 7Ah
STX2402-E	2A	2 x 12V 17Ah
STX2405-C	5A	2 x 12V 7Ah
STX2405-E	5A	2 x 12V 17Ah
STX2410-E	10A	2 x 12V 17Ah
STX2410-H	8A	2 x 12V 38Ah

- 1	STX2410-E + BATT-BOX-65	7.2A	2 x 12V 65Ah	
- 1	BATT-BOX-65	7.2A	2 x 12V 65Al	า

Technical Information

Mains input 93-264V ac Output 27.6V dc

Maximum current See above table Operating temperature -10°C to 40°C at 95% RH

Product Dimensions (mm)

T Models	300H x 240W x 60D
C Models	275H x 330W x 80D
E Models	420H x 400W x 80D
H Models	420H x 420W x 180D
BATT-BOX-65	534H x 465W x 268D

Approvals

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







notice.

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

www.elmdene.co.uk

Tel: +44 (0)23 9269 6638 Fax: +44 (0)23 9266 0483 Email: sales@elmdene.co.uk

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