


Illumino Ignis Ltd™

LIGHTING & FIRE DESIGN, SUPPLY & SUPPORT

24V dc EN54 PSU Range

Accessories – Power Supplies

 Part No. STX2405-C | STX2405-E | STX2401-C | STX2402-C | STX2402-E www.illuminoignis.co.uk

Product Details

The new 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 (see table).

Key Features

- 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



Technical Specifications

Mains input	93–264V ac
Output	27.6V dc
Maximum current	See above table
Operating temperature	–10°C to 40°C at 95% RH
Compliance	Certified by UL (EN54-4:1997 +A1: 2002 +A2: 2006) CE Mark RoHS Compliant

P/N	Rating (A)	Max Battery Size	Dimensions (mm)
STX2401-C	1A	2 x 12V 7Ah	275H x 330W x 80D
STX2402-C	2A	2 x 12V 7Ah	275H x 330W x 80D
STX2402-E	2A	2 x 12V 18Ah	420H x 400W x 80D
STX2405-C	5A	2 x 12V 7Ah	275H x 330W x 80D
STX2405-E	5A	2 x 12V 18Ah	420H x 400W x 80D