



24V DC STX RANGE

EN54-4 Power Supplies for Fire Systems

- 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
- 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-BLACK)
- Lifetime warranty



DESCRIPTION

The 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 and 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.

TECHNICAL SPECIFICATIONS

Output	27.6 V dc
Mains Input	93 - 264 V ac
Operating Temperature	-10 to +40°C 75% RH non-condensing
LED Indication	Mains status & faults



APPROVALS

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



ORDERING INFORMATION

<p>T ENCLOSURE</p> 	<p>PART NO STX2401-T</p>	<p>DESCRIPTION 27.6V dc, 1A 300H x 240W x 60D (mm), 2.0kg Max battery 2 x 12V 1.2Ah</p>
<p>C ENCLOSURE</p> 	<p>PART NO STX2401-C</p>	<p>DESCRIPTION 27.6Vdc, 1A 275H x 330W x 80D (mm) Max battery 2 x 12V 7Ah</p>
	<p>PART NO STX2402-C</p>	<p>DESCRIPTION 27.6Vdc, 2A 275H x 330W x 80D (mm) Max battery 2 x 12V 7Ah</p>
	<p>PART NO STX2405-C</p>	<p>DESCRIPTION 27.6Vdc, 5A 275H x 330W x 80D (mm) Max battery 2 x 12V 7Ah</p>
<p>E ENCLOSURE</p> 	<p>PART NO STX2402-E</p>	<p>DESCRIPTION 27.6Vdc, 2A 420H x 400W x 80D (mm) Max battery 2 x 12V 17Ah</p>
	<p>PART NO STX2405-E</p>	<p>DESCRIPTION 27.6Vdc, 5A 420H x 400W x 80D (mm) Max battery 2 x 12V 17Ah</p>
	<p>PART NO STX2410-E</p>	<p>DESCRIPTION 27.6Vdc, 10A 420H x 400W x 80D (mm) Max battery 2 x 12V 17Ah</p>
<p>H ENCLOSURE</p> 	<p>PART NO STX2410-H</p>	<p>DESCRIPTION 27.6Vdc, 8A 420H x 420W x 180D (mm) Max battery 2 x 12V 38Ah</p>
	<p>PART NO STX2410-E + BATT-BOX-65-BLACK</p>	<p>DESCRIPTION 27.6Vdc, 7.2A BATT-BOX-65-BLACK 534H x 465W x 268D (mm) Max battery 2 x 12V 65Ah</p>