ST RANGE

Power Supplies approved to EN54-4 for Fire & EN12101-10 for AOV Systems

Features & Benefits

- 2 Independent monitored outputs
- On-demand load-sharing capability supports either rapid charging of high-capacity batteries or brief high-current peak-loads using current diverted from charger
- Charging capability (EN54-4 and EN12101-10 compliant) to support up to 65Ah batteries
- Self-resetting battery fuse protection
- No output interruption during automatic switchover between mains and battery power
- Deep discharge protection disconnects battery from load when output voltage falls below 21.6V
- Exterior diagnostic LEDs
- Volt-free changeover (SPDT) relays transmit fault output signals
- Optional RS485 serial interface for fault reporting, diagnostics and status indication and panel integration



DESIGNED & ASSEMBLED IN BRITAIN

LIFETIME WARRANTY

DESCRIPTION

ST Range of Power Supplies represents a proven and trusted solution, purpose-built to meet the demanding requirements of both Fire Alarm and AOV systems , having been fully certified to EN54-4 and EN12101-10.

Available in 1A, 2A and 5A variants, the range supports battery capacities of up to 65Ah, offering flexibility across a wide variety of applications. Each unit is designed with externally visible Engineer's Diagnostic LEDs, enabling faster fault identification and streamlined maintenance.

To further enhance system resilience, ST Range features two independent monitored outputs, configurable as dual power transmission paths. This provides robust, continuous power delivery and improved fault tolerance, critical for life safety systems.

The range delivers dependable performance, intelligent design, and ease of use making it the preferred choice for professionals specifying Fire Alarm and AOV power solutions.

TECHNICAL SPECIFICATIONS

Operating Temperature	-10°C to 40°C at 95% RH
Mains Input	195 - 265 V ac
Nominal Output	24 V dc
LED Indication	Mains status & faults

APPROVALS

Certified to:
EN54-4/A2 "Fire Detection and Alarm Systems"
EN12101-10 "Smoke and Heat Control Systems"

CE Mark
RoHS Compliant
CPR Approved

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See next page for ordering information and product details

ORDERING INFORMATION

C ENCLOSURE



PART NO	DESCRIPTION
2401ST-C	24V dc, 1A 275H x 330W x 80D (mm), 2.0kg Max battery 2 x 12V 7Ah
2402ST-C	24V dc, 2A 275H x 330W x 80D (mm) Max battery 2 x 12V 7Ah
2405ST-C	24V dc, 5A 275H x 330W x 80D (mm) Max battery 2 x 12V 7Ah

E ENCLOSURE



PART NO	DESCRIPTION
2402ST-E	24V dc, 2A 420H x 400W x 80D (mm) Max battery 2 x 12V 17Ah
2405ST-E	24V dc, 5A 420H x 400W x 80D (mm) Max battery 2 x 12V 17Ah

H ENCLOSURE



PART NO	DESCRIPTION
2402ST-H	24V dc, 2A 420H x 420W x 180D (mm) Max battery 2 x 12V 24/38Ah
2405ST-H	24V dc, 5A 420H x 420W x 180D (mm) Max battery 2 x 12V 24/38Ah

BATTERY BOX



PART NO	DESCRIPTION
BATT-BOX-65-BLACK	Floor Standing Battery Box in Black 534H x 465W x 267D (mm) Max battery 2 x 12V 65Ah