



# FAD-AUXBAT

## External Power Supplies connection KIT

### Description

The external power supply kit is designed to extend the autonomy of the fire detection and alarm system in the event of a main power failure.

Fire detection standards typically require that fire protection systems remain operational during power outages. To meet these requirements, a backup power system must be implemented—capable of supporting up to 72 Ah in standby mode, plus 30 minutes under alarm conditions.

The flexibility of addressable systems often necessitates the use of external power supplies and large-capacity batteries to meet the autonomy requirements set by current regulations.

The FAD-AUXBAT kit enables the connection of up to two STX2410 (10A) external power supplies, allowing the system to support more than 130 Ah of battery capacity from a single control panel.

### Characteristics

- Monitors up to 2 external STX2410 10A power supplies
- Compatible with Detnov addressable control panels
- Supports high-capacity battery configurations for large fire detection systems
- Monitoring of electrical faults in external power sources

### Specifications

Card		
Operating Voltage:	16 to 40 VDC	
Autonomy:	Up to 72 Ah (depending on power supply and system size)	
Wiring		
	2 x 1.5 mm <sup>2</sup> braided	
Environment		
Working temperature:	From -10°C to 55°C	
Relative humidity:	95% non-condensing	

### Accessories



**TUL500 EN**

Power Supply supervised 24V 5 A, with battery charger.



**STX2402-E-DETNOV**  
**STX2405-E-DETNOV**  
**STX2410-E-DETNOV**

Supervised power supply with regulated output at 27.6V and 2A, 5A and 10A with battery charger



**STX2410-H-DETNOV**

Supervised power supply with regulated output at 27.6V and 10A with battery charger



**BATT-BOX-65-BLACK**

Cabin for 2 batteries up to 65 Ah