

## Intrinsically Safe Battery Packs



2-cell battery pack



4-cell battery pack

### Overview

Syscor's lithium thionyl chloride (Li-SOCl<sub>2</sub>) battery packs are intrinsically safe devices designed for Zone 0 deployment.

The battery packs are designed specifically for use with all models of the Syscor Tracker™ WirelessHART power and communication unit (PCU) – Field Transmitter, Data Repeater and Inclinometer.

Only Syscor battery packs may be used in any of the Syscor Tracker PCUs; the use of other battery packs may impair intrinsic safety.

Syscor battery packs are not rechargeable. Dispose of used batteries according to local laws and regulations.

### Features and Benefits

- Up to 10 years of battery life
- Low self-discharge (1 % or less per year)
- Suitable for long-term use with low current applications
- Designed for industrial Zone 0 applications

### How to Purchase

Visit [syscor.com](http://syscor.com) for more information. Contact Syscor to discuss your specific site and application requirements.

### Contact Information

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### Specifications

Type	Lithium thionyl chloride (Li-SOCl <sub>2</sub> )
Capacity	2-cell: 7.2V 19.0Ah 136.8Wh 4-cell: 7.2V 38.0Ah 273.6Wh
Lifecycle	Up to 10 years depending on application and sampling rate
Enclosure	Fully potted, ABS plastic exterior
Connection	5 pin female socket with polarizing key
Weight	2-cell: 300g [10.6 oz.] 4-cell: 600g [21.2 oz.]
Usage	For use with Syscor Tracker™ power and communication units only
Operating Temp.	-40° to +60°C [-40° to +140°F]

#### Product Certifications

Note: Certifications apply to the complete assembly (PCU + battery)

USA	Intrinsic Safety: [CSA] 4792360 FCC: 2AAZE-000697
Canada	Intrinsic Safety: [CSA] 4792360 IC: 11413A-000697
Product Markings	North America: CL 1 DV 1 GP C&D T4 Europe: 11 1G Ex ia 11B T4