

Batteries for TrackSense® Pro

TSP-BAT-150L

Key Features & Benefits

- ✓ Ensures data logger performance and measuring accuracy
- ✓ Eliminates unexpected downtime and damage
- ✓ Can be stored for up to 10 years – only activated prior to use
- ✓ Valid product warranty when used in specified measuring areas
- ✓ Traceability by serial numbers



TrackSense® Pro – Large Data Logger Battery

Battery life greatly depends on the application and logger use profile. Extensive ramping and duration at higher temperatures can reduce the average lifetime of the battery. The data logger battery incorporates the latest battery technology, which results in 3,000 hours of operation at a 10 seconds sample rate at 121 °C. When using single or double temperature sensors, tests have shown that the battery lifetime at -80 °C with a 4-minute sample rate, could be as high as 5,400 hours or more. The extended data logger battery capacity makes it exceptional for applications involving vast swings in temperature.

Batteries are generally sold with an activator unit. The battery must be placed in this unit for an hour prior to being inserted into a logger. The logger does not use enough power to activate the battery by itself, which is why the activator unit is required.

Leaving the battery in the activator for more than 1 hour will cause the battery to drain at a rate of 2.0 mAh an hour.

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Technical Specifications

Operating Logger:	Pro XL, Compact UX, SteriSense
Battery Type:	Lithium / Size AA
Nominal Voltage:	3.6 V
Nominal Capacity:	1.8 Ah
Nominal Current:	2 mA
Max. Continuous Discharge Current:	100 mA
Lithium Content:	0.65 g
Weight:	18 g
Volume:	8 cm ³
Temperature Range:	-80 to +150 °C
Capacity at 121 °C with a 10 Second Sample Rate:	
Temperature 1 Sensor:	3,000 hours
Temperature 2 Sensors:	2,600 hours
Pressure Sensor:	2,200 hours
Relative Humidity Sensor:	2,200 hours
Conductivity Sensor:	1,500 hours
Vacuum Sensor:	450 hours
Temperature Thermocouple Sensor:	2,000 hours
CO ₂ Sensor:	120 hours
SteriSense / Bowie Dick Sensor:	1,900 hours
Intrinsically Safe:	EEx ia IIC T3

WARNING:

Fire, explosion and severe burn hazard. Do not recharge, disassemble, heat above 150 °C, incinerate or expose contents to water.