

ACCESSORIES

# High Performance Battery Cells

Power your devices with reliable, industry leading battery cells for long-lasting device autonomy. Leverage the advantages of Worldsensing offer that better suits your project needs.

LS-ACC-CELL-1C

## Cost effective solution with more than 10 years of autonomy

Saft's primary lithium-thionyl chloride LSH14 cells have been powering Worldsensing's edge devices for years. These are high operating voltage cells, stable during most of the application lifetime that offer more than 10 years of battery life and a low self-discharge for extended shelf and operating life.

LS-ACC-CELL-1C Main Specifications	
Brand	Saft
Model	LSH14
Nominal Capacity (at 15 mA (320 ohms), 2.0 V cut-off)	5.8 Ah
Maximum recommended continuous current	1.3 A
Operating temperature range	-60° C to 85° C
Storage temperatures	30°C MAX

<sup>1</sup> Typical values relative to cells stored one year or less at 30° C max. All electrical characteristics taken at 20° C. Values taken from Saft LSH14 product specifications. Click [here](#) for full product specifications. For product safety information, click here.

NEW

WS-ACC-CELL2-1C

## Extended battery life for long-term monitoring projects

Obtain an average of 60% more autonomy than with regular primary lithium cells. Now Worldsensing devices work with Saft's Li-MnO<sub>2</sub>, LM26500 cells for longer operations and minimum maintenance.

These cells are perfect for projects in which you need to ensure operations for long-term unattended monitoring systems with high sampling rates.

WS-ACC-CELL2-1C Main specifications	
Brand	Saft
Model	LM26500
Nominal Capacity (at 10mA(320 ohms), 2.0 V cut-off)	7.4 Ah
Maximum recommended continuous current	2.0 A
Operating temperature range	-40° C to 85° C
Storage temperatures	30°C MAX

<sup>2</sup> Typical values relative to cells stored one year or less at 30° C max. All electrical characteristics taken at 20° C. Values taken from Saft LM26500 product specifications. Click [here](#) for more details on the electrical and physical characteristics. For product safety information, click here.



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# Battery life estimations in years<sup>3</sup>

		SAMPLING RATE	LSH14	LM26500
	Vibrating Wire-5ch 4 BATTERIES	5 min	3.6	4.6
		1 h	11	22.3
		6 h	12.7	+25
	Vibrating Wire-1ch 1 BATTERY	5 min	0.4	0,5
		1 h	3.3	4.4
		6 h	6.9	11.1
	Til90-X Til90-i 2 BATTERIES	5 min	3.6	5
		1 h	12.5	+25
		6 h	15.1	+25
	Til90-X Til90-i Event Detection 2 BATTERIES	5 min	1.7	2.1
		30 min	2.4	3.2
		1 h	2.4	3.3
		6 h	2.5	3.5
	Laser Tilt90 2 BATTERIES	5 min	0.5	Not Compatible
		1 h	5.1	
		6 h	11.8	
	Piconode 2 BATTERIES	5 min	2	2.6
		1 h	8.8	17
		6 h	11.5	+25
	Analog Datalogger		See <a href="#">device datasheet</a>	Not Compatible
	Digital Datalogger		See <a href="#">device datasheet</a>	Not Compatible



<sup>3</sup> Battery life estimations performed under laboratory conditions. Battery life estimations may vary as a function of radio coverage and weather conditions. Batteries from different references cannot be mixed together in the same device.



- LM26500 ready to ship worldwide.
- Batteries can only be shipped along with devices, they cannot be sold separately.
- Some battery shipping certification fees may apply.

GENERAL DISCLAIMER:

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