

# WIRELESS BATTERY MONITOR LITE




CellSPY Lite Wireless Battery Monitors (CSPY-400-L) are designed to measure and continuously report DC voltage across battery terminals and temperature at the negative battery posts.

Installation is very simple and does not require a special connector. The sensor is simply clamped on the battery post and begins working.

It is designed primarily for battery commissioning purposes. Measurements are sent to a cloud server via the onsite smartphone.

Different color lighting of the sensor indicates the state of sensor-server communication and measurement levels.

## OPERATING SPECIFICATIONS

DC Voltage Measurement:	Range 1.2 V - 20 V Resolution 1 mV Accuracy 0.5 %
Temperature Measurement:	Range 0 °C - 80 °C Resolution +/- 1 °C Accuracy +/- 1 °C
Wireless Communication:	Frequency ISM Band - 2.4 GHz DSSS Range indoor > 50 m (expandable with repeaters)
Approvals:	
Operating Temp.:	32 °F to 140 °F (0 °C to 60 °C)
Storage Temp.:	32 °F to 140 °F (0 °C to 60 °C)
Humidity:	5 - 85 %, non-condensing

Dimensions & Weight:	2.9" x 1" x 0.4" (74 mm x 26 mm x 11 mm) 2.2 oz (60 g)
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Enclosure:	Material: PC Degree of protection: IP40 IK code: IK08
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### KEY ATTRIBUTE

CellSPY Lite is easy to install, it has visual alarming and measures battery Voltage and Temperature in a very noisy environment with negligible power dissipation, making itself, almost "invisible" to the monitored battery.