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# Saft Lithium Battery LS14250, 1/2 AA 3.6V 1200mAh with Parallel Tabs

Product price:

C\$14.68

**Product short description:**

Introducing the Saft LS14250CN, a 3.6V primary lithium-thionyl chloride (Li-SOCl<sub>2</sub>) battery, designed for power and reliability. This half AA-size bobbin cell measures 14.62 mm in diameter and 25.13 mm in height, and boasts high energy density. It features tabs welded on both ends in the same direction, making it ideal for assembly applications.

The Saft LS14250CN sets itself apart with its remarkable electrical characteristics. It delivers a nominal voltage of 3.6V and an open circuit voltage of 3.67V at 20°C, guaranteeing a high voltage response that remains consistent throughout its lifespan. This versatile battery also offers a wide operating temperature range from -60°C to 85°C and a low self-discharge rate of less than 1% per year at 20°C.

Constructed with a stainless steel container and end caps, the battery features a hermetic glass-to-metal seal that offers superior resistance to atmospheric corrosion. Its non-flammable electrolyte ensures safety and it complies with IEC 60086-4 and IEC 60079-11 safety standards (class T4 assignment). This battery is also non-restricted for transport and non-assigned to Class 9 as per UN

**Product features:**

Cell Size Reference: 1/2 AA  
Part Number: LS14250CN  
Nominal Capacity (mAh): 1200  
Nominal Voltage: (at 0.2 mA + 20°C) 3.6V  
Storage: + 30°C (+ 86°F) max  
Diameter (Max): 14.62 mm (0.57 in)  
Height (Max): 25.13 mm (0.99 in)  
Typical Weight: 9g (~0.3 oz)  
Operating Temperature Range: - 60°C/+ 85°C (- 76°F/+ 185°F)  
Li Metal Content: approx. 0.3 g  
EAN / GTIN: 4016138771640  
Termination Suffix: CN  
Warnings: Fire, explosion and burn hazard. Do not solder directly to the cell  
Open Circuit Voltage: (at +20°C) 3.67V  
Storage Info: The storage area should be clean, cool (preferably not exceeding + 30°C), dry and Ventilated  
Compliance: IEC 60086-4, IEC 60079-11  
Type of Termination: With Tabs (Same Direction)  
Pulse Capacity: Typically up to 100 mA  
Maximum Continuous Current: 30  
Nominal Energy: 4.32 Wh

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Recommendations, making it a trustworthy choice.

The Saft LS14250CN is perfect for a wide array of applications, such as utility metering, automatic meter reading, security devices, tollgate systems, memory backups, computer real-time clocks, tracking systems, and automotive and professional electronics. It provides a pulse capacity of up to 100mA and a maximum recommended continuous current of 35mA.

Proudly manufactured in France, the UK, and China, this battery is designed for easy integration into compact systems. It boasts a nominal capacity of 1200, a typical weight of 9g, and a lithium metal content of approximately 0.3g. To maintain its longevity, it should be stored in a clean, cool (preferably not exceeding 30°C), dry, and ventilated area. As long as you do not solder directly to the cell, this battery is also free from fire, explosion, and burn hazards. With the Saft LS14250CN, you can expect a reliable and powerful battery solution for your next project.

#### **Product codes:**

Reference: LS14250CN  
EAN13: 4016138771640  
UPC: -

#### **Product attributes:**

#### **Product gallery:**



