
Saft LS14250 1/2 AA 1200mAh Lithium Battery with Axial Leads

Product price:

C\$14.68

Product short description:

Introducing the superior and reliable Saft LS14250CNA, a primary lithium battery known for its high performance. This battery is also known as LS14250AX in the USA. It has been meticulously designed in a compact 1/2 AA-size bobbin cell structure and offers a high energy density of 4.32 Wh, making it an ideal choice for a variety of applications like utility metering, alarms, computer real-time clocks, and professional electronics.

The LS14250CNA stands out in the battery market with its stable high voltage response that remains consistent throughout the majority of the application's lifetime. It operates efficiently within a wide temperature range, from as low as -60°C to as high as 85°C. Additionally, it boasts an impressively low self-discharge rate of less than 1% per year when stored at 20°C.

The compact design of the LS14250CNA not only allows for easy integration into systems but also offers superior resistance to atmospheric corrosion. This makes it an optimal choice for both consumer and industrial applications. The battery's safety features are further highlighted by its stainless steel container and end caps,

Product features:

Cell Size Reference: 1/2 AA
Part Number: LS14250CNA (AX)
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: CNA (AX)
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: Axial Leads
Pulse Capacity: Typically up to 100 mA
Maximum Continuous Current: 30
Nominal Energy: 4.32 Wh

which ensure a low magnetic signature, along with its hermetic glass-to-metal sealing and non-flammable electrolyte.

The LS14250CNA adheres to the IEC 60086-4 safety standard and IEC 60079-11 intrinsic safety standard. It has also received UL Component Recognition. The battery offers a nominal capacity of 1.20 Ah, an open circuit voltage of 3.67V, and a nominal voltage of 3.6V at 0.1 mA 20°C. It has a pulse capacity that can reach up to 100 mA, while the maximum recommended continuous current is 35 mA.

This battery measures 14.62 mm in diameter and 25.13 mm in height, with a typical weight of 9g. It's available with various termination suffixes, including CN, CNR radial tabs, 2 PF, 3 PF, 3 PF RP, 4 PF radial pins, and CNA (AX) axial leads. Please note that the LS14250CNA should be handled with care to avoid fire, explosion, and burn hazards. It is not recommended to solder directly to the cell. The battery should be stored in a clean, cool (preferably not exceeding 30°C), dry, and ventilated area.

In conclusion, if you're in search of a reliable and high-performance primary lithium battery for your electronic devices, the Saft LS14250CNA with its 2-inch long axial leads installed from the factory is a durable and long-lasting choice.

Product codes:

Reference: LS14250CNA

EAN13: 4016138771640

UPC: -

Product attributes:

Product gallery:

