

LS14500 CNR

Industrial automation components

Manufacturer	Inny/Other/Andere
Catalog number	ls14500-cnr
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Nominal Voltage	3.6 V
Nominal Capacity	2.6 Ah
Operating Temperature Range	-60°C to +85°C
Self-Discharge Rate	<1% per year at +20°C %
Dimensions	14.4 mm x 49.55 mm
Weight	16.7 g
Container Material	Stainless Steel
Seal Type	Hermetic Glass-to-Metal
Compliance	IEC 60086-4, IEC 60079-11

Description

The Saft LS14500 CNR is a non-rechargeable lithium-thionyl chloride (Li-SOCl₂) battery designed for applications requiring long-term, reliable power in a compact form factor. This AA-size bobbin cell offers a nominal voltage of 3.6 V and a capacity of 2.6 Ah, making it suitable for devices such as utility meters, security alarms, and memory backup systems. Key features include a wide operating temperature range from -60°C to +85°C, low self-discharge rate (less than 1% per year at +20°C), and a hermetic glass-to-metal seal for superior resistance to corrosion. The battery's stainless steel container ensures a low magnetic signature, and it is compliant with IEC 60086-4 and IEC 60079-11 safety standards. With a typical weight of 16.7 g and dimensions of 14.4 mm in diameter and 49.55 mm in height, the LS14500 CNR is engineered for easy integration into compact systems.